SAMSUNG

SM-T310

# User Manual

www.samsung.com

# About this manual

This device provides high quality mobile communication and entertainment using Samsung's high standards and technological expertise. This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Images and screenshots may differ in appearance from the actual product.
- Content may differ from the final product, or from software provided by service providers or carriers, and is subject to change without prior notice. For the latest version of the manual, refer to the Samsung website, *www.samsung.com*.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Applications related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Available features and additional services may vary by device, software, or service provider.
- Applications and their functions may vary by country, region, or hardware specifications. Samsung is not liable for performance issues caused by applications from any provider other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customize the operating system may cause the device or applications to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data plan. For details, contact your service provider.
- Default applications that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an application provided with the device, contact a Samsung Service Centre. For user-installed applications, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

# Instructional icons

**Warning**: situations that could cause injury to yourself or others

**Caution**: situations that could cause damage to your device or other equipment

**Note**: notes, usage tips, or additional information

# Copyright

Copyright © 2013 Samsung Electronics Canada, Inc.

This guide is protected under international copyright laws.

No part of this guide may be reproduced, distributed, translated, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or storing in any information storage and retrieval system, without the prior written permission of Samsung Electronics.

# Trademarks

- SAMSUNG and the SAMSUNG logo are registered trademarks of Samsung Electronics.
- The Android logo, Google™, Google Maps™, Gmail™, YouTube™, Google Play™ Store, and Google Talk™ are trademarks of Google, Inc.
- Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi®, Wi-Fi Protected Setup™, Wi-Fi Direct™, Wi-Fi CERTIFIED™, and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.
- All other trademarks and copyrights are the property of their respective owners.

DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under licence.

### ABOUT DIVX VIDEO

DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that has passed rigorous testing to verify that it plays DivX video. Visit *www.divx.com* for more information and software tools to convert your files into DivX videos.

### ABOUT DIVX VIDEO-ON-DEMAND

This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to *vod.divx.com* for more information on how to complete your registration.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

## IC Notice

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

# Table of Contents


## Getting started

7 Device layout
9 Buttons
10 Package contents
11 Charging the battery
13 Inserting a memory card
15 Turning the device on and off
15 Holding the device
16 Locking and unlocking the device
16 Adjusting the volume
16 Mute all sounds

## Basics

17 Indicator icons
18 Using the touch screen
21 Rotating the screen
21 Notifications
22 Quick setting panel
22 Home screen
25 Using applications
26 Applications screen
27 Help
27 Entering text
29 Connecting to a Wi-Fi network
30 Setting up accounts
31 Transferring files
32 Securing the device
34 Upgrading the device

## Communication

35 Contacts
38 Email
40 Gmail
41 Talk
42 Google+
42 ChatON
43 Messenger

## Web & network

44 Internet
45 Chrome
46 Bluetooth
47 Smart Remote

## Media

49 Music Player
50 Camera
54 Gallery
56 Paper Artist
57 Video Player
58 YouTube
60 Flipboard

## Application & media stores

61 Play Store

62 Samsung Apps
62 Game Hub
63 Play Books
63 Play Magazines
63 Play Movies
63 Play Music
64 Learning Hub
Video Hub
Readers Hub
Learning Hub

## Utilities

65 Memo
66 S Planner
68 Polaris Office
71 Dropbox
71 Alarm
72 World Clock
73 Calculator
73 S Voice
74 Google
75 Voice Search
75 My Files
76 Downloads
76 TripAdvisor

## Travel & local

77 Maps
78 Local
79 Navigation

## Settings

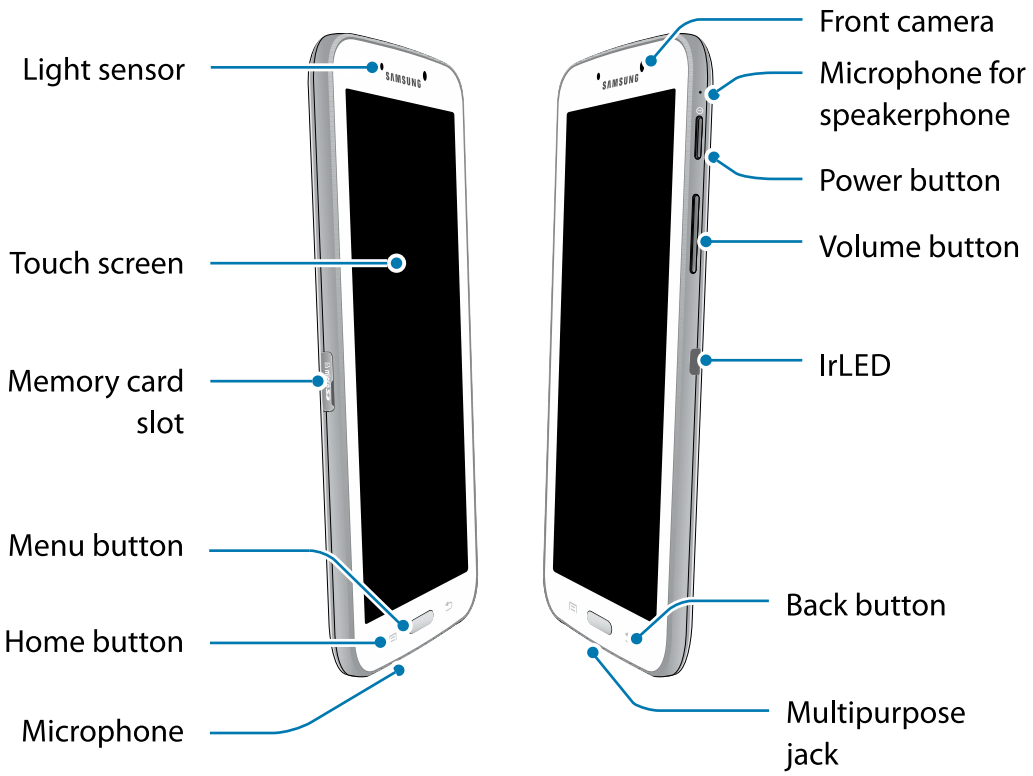
80 About Settings
80 Wi-Fi
81 Bluetooth
81 Data usage
81 More settings
82 Blocking mode
82 Driving Mode
83 Sound
83 Display
84 Storage
84 Power saving mode
84 Battery
84 Application manager
84 Location services
85 Lock screen
86 Security
87 Language and input
89 Cloud
89 Backup and reset
89 Add account
90 Motion
90 Voice control
90 Accessory
91 Date and time
91 Accessibility
92 About device

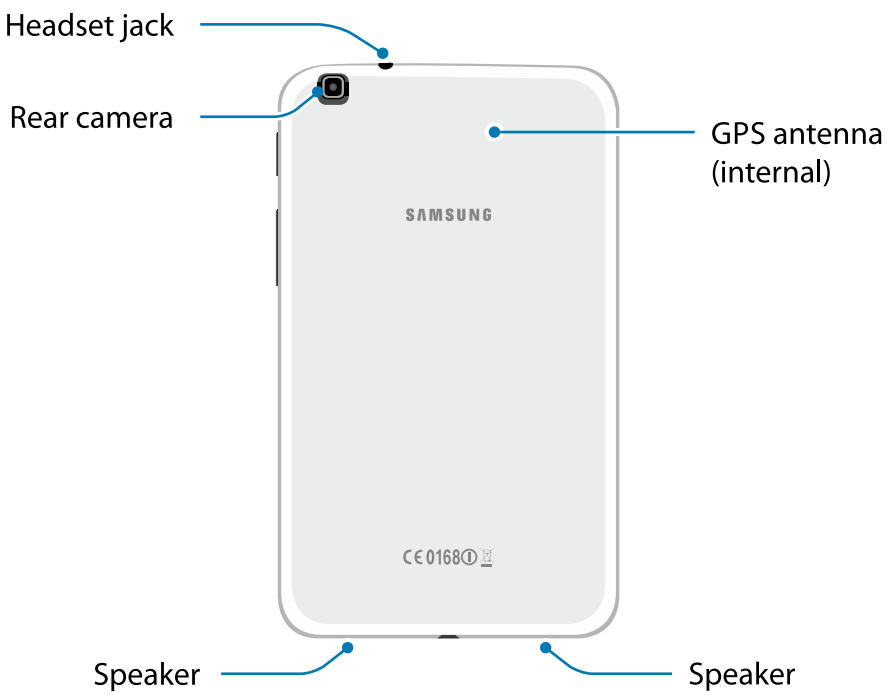
## Troubleshooting

## Health and Safety

# Getting started

## Device layout






- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.
- Do not use a screen protector. This causes sensor malfunctions.
- Do not allow water to contact the touch screen. The touch screen may malfunction in humid conditions or when exposed to water.

# Buttons

| Button | Function |
| --- | --- |
| **Power** | • Press and hold to turn the device on or off.<br>• Press and hold for more than 7 seconds to reset the device if it has fatal errors or hang-ups, or freezes.<br>• Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off. |
| **Menu** | • Tap to open a list of options available for the current screen.<br>• Tap and hold on the Home screen to launch Google search. |
| **Home** | • Press to return to the Home screen.<br>• Press and hold to open the list of recent applications.<br>• Press twice to launch **S Voice**. |
| **Back** | • Tap to return to the previous screen. |
| **Volume** | • Press to adjust the device volume. |

# Package contents

Check the product box for the following items:

- Device
- Quick start guide

Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions, which are not covered by the warranty.

- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Other accessories may not be compatible with your device.
- Use only Samsung-approved accessories. Malfunctions caused by using unapproved accessories are not covered by the warranty service.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

# Charging the battery

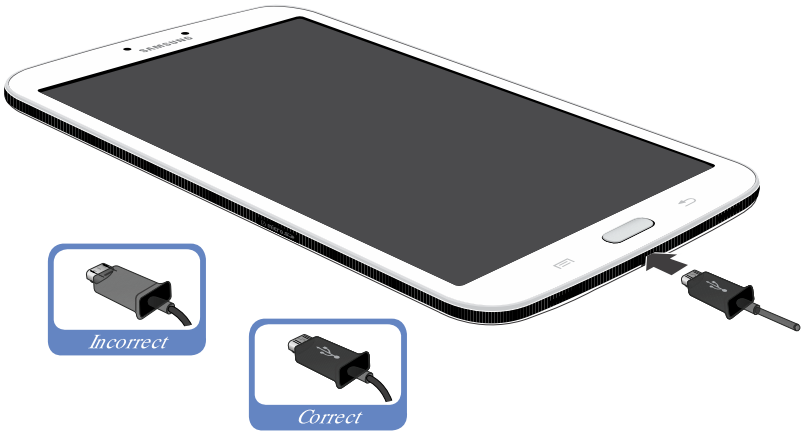
Use the charger to charge the battery before using it for the first time. A computer can be also used to charge the device by connecting them via the USB cable.

Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

- When the battery power is low, the device emits a warning tone and displays a low battery power message.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.

## Charging with the charger

Connect the USB cable to the USB power adaptor and then plug the end of the USB cable into the multipurpose jack.




Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.

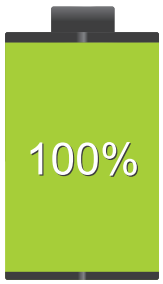
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre. After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The device should remain close to the electric socket while charging.

### Checking the battery charge status

When you charge the battery while the device is off, the following icons will show the current battery charge status:

Charging




Fully charged

## Reducing the battery consumption

Your device provides options that help you save battery power. By customising these options and deactivating features in the background, you can use the device longer between charges:

- When you are not using the device, switch to sleep mode by pressing the Power button.
- Close unnecessary applications with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of applications.
- Decrease the backlight time.
- Decrease the brightness of the display.

# Inserting a memory card

Your device accepts microSD, microSDHC and microSDXC memory cards with maximum capacities of 64 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

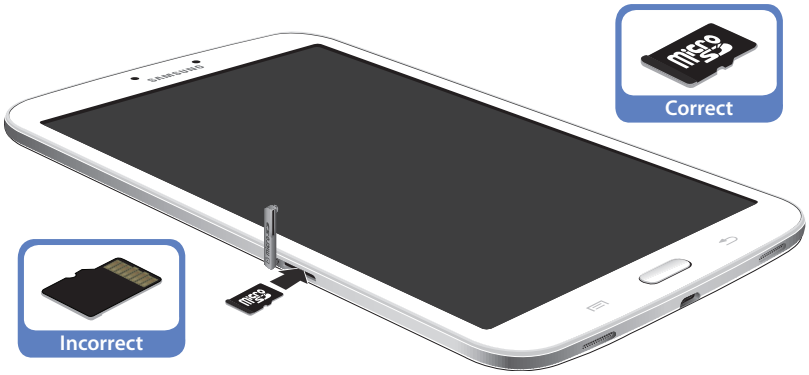
- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

- The device supports only the FAT (FAT32 and exFAT) file system for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card's file directory appears in the **extSdCard** folder under the internal memory.

1 Open the cover of the memory card slot.

2 Insert a memory card with the gold-coloured contacts facing downwards.

3 Push the memory card into the slot until it locks in place.




4 Close the cover of the memory card slot.

## Removing the memory card

Before removing the memory card, first unmount it for safe removal. On the Home screen, tap → **Settings** → **Storage** → **Unmount SD card**.

1 Open the cover of the memory card slot.

2 Push the memory card until it disengages from the device, and then pull it out.

3 Close the cover of the memory card slot.

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

## Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

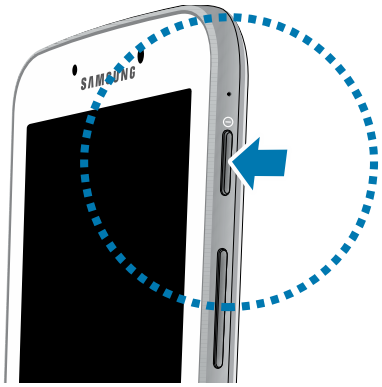
On the Home screen, tap → **Settings** → **Storage** → **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

# Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn on the device.



- Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as airplanes and hospitals.
- Press and hold the Power button and tap **Flight mode** to disable the wireless features.

To turn off the device, press and hold the Power button, and then tap **Power off**.

# Holding the device

Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

# Locking and unlocking the device

When not in use, lock the device to prevent unwanted operation. Pressing the Power button turns off the screen and puts the device into lock mode. The device automatically gets locked if it is not used for a specified period.

To unlock the device, press the Power button or the Home button and flick your finger in any direction within the unlock screen area at the right part of the screen.

# Adjusting the volume

Press the Volume button left or right to adjust the ringtone volume, or to adjust the sound volume when playing music or video.

# Mute all sounds

- Drag down from the top of the screen to open the quick setting panel, and then tap **Sound** to change the icon to **Mute**.
- Press and hold the Power button to open the Device options panel, then tap **Mute**.

# Basics

## Indicator icons

The icons displayed at the top of the screen provide information about the status of the device. The icons listed in the table below are most common.

| Icon | Meaning |
|---|---|
| | Wi-Fi connected |
| | Bluetooth feature activated |
| | GPS activated |
| | Synced with the web |
| | Connected to computer |
| | Alarm activated |
| | Sounds muted |
| | Flight mode activated |
| | Error occurred or caution required |
| | Smart stay activated |
| | Battery power level |

# Using the touch screen

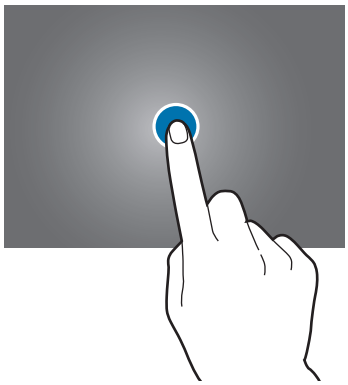
Use only fingers to use the touch screen.

- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to contact water. The touch screen may malfunction in humid conditions or when exposed to water.
- To avoid damaging the touch screen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.

## Finger gestures

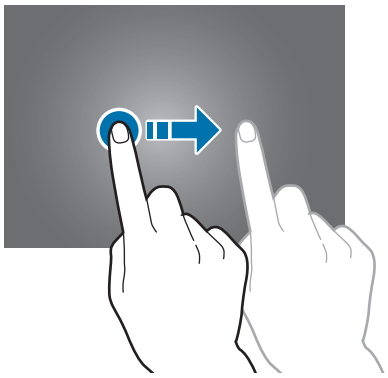
### Tapping

To open an application, to select a menu item, to press an on-screen button, or to enter a character using the on-screen keyboard, tap it with a finger.



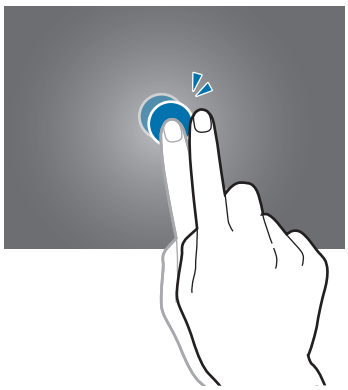
## Dragging

To move an icon, thumbnail, or preview to a new location, tap and hold it and drag it to the target position.



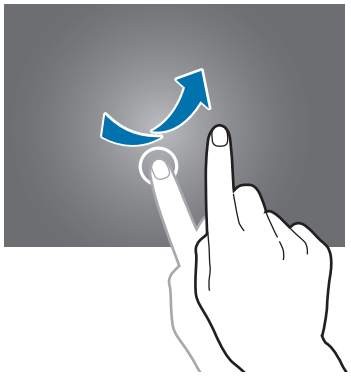
## Double-tapping

Double-tap on a webpage, map, or image to zoom in a part. Double-tap again to return.



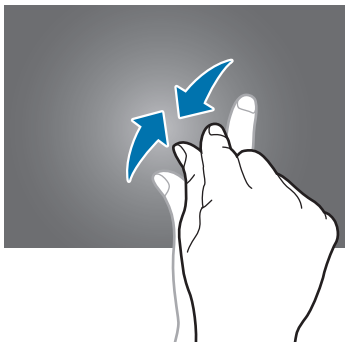
## Flicking

Flick left or right on the Home screen or the Applications screen to see another panel. Flick up or down to scroll through a webpage or a list, such as contacts.



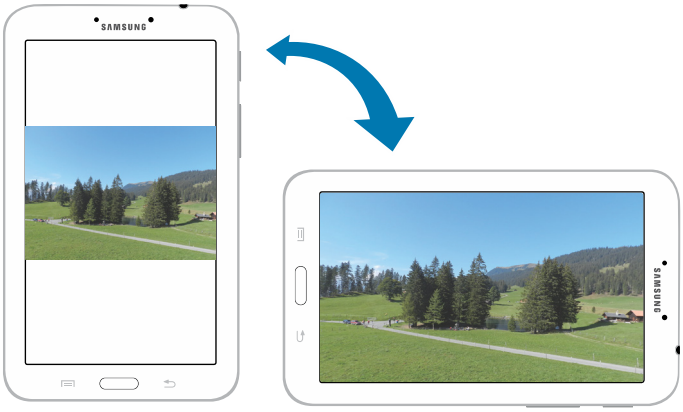
## Pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.



# Rotating the screen

Many applications allow display in either portrait or landscape orientation. Rotating the device causes the display to automatically adjust to fit the new screen orientation.



To prevent the display from rotating automatically, open the quick setting panel and deselect **Screen rotation**.

- Some applications do not allow screen rotation.
- Some applications display a different screen depending on the orientation. The calculator turns into a scientific calculator when rotated to landscape.

# Notifications

Notification icons appear on the status bar at the top of the screen to report new messages, calendar events, device status, and more. Drag down from the top left of the status bar to open the notifications panel. Scroll through the list to see additional alerts. To close the notifications panel, drag up the bar at the bottom of the screen.

# Quick setting panel

From the quick setting panel, you can view your device's current settings. Drag down from the top right of the status bar to open the quick setting panel and use the following options:

- **Wi-Fi**: Activate or deactivate the Wi-Fi feature.
- **GPS**: Activate or deactivate the GPS feature.
- **Sound**: Activate or deactivate silent mode. You can vibrate or mute your device in silent mode.
- **Screen rotation**: Allow or prevent the interface from rotating when you rotate the device.
- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **Blocking mode**: Activate or deactivate blocking mode. In blocking mode, the device will block notifications. To select which notifications will be blocked, tap **Settings** → **Blocking mode**.
- **Power saving**: Activate or deactivate power-saving mode.
- **Screen Mirroring**: allows you to share media files on your screen with an HDMI device.
- **Multi window**: allows you to run multiple applications on the screen at the same time.
- **Driving mode**: Notifications are read aloud.
- **Smart stay**: Set the screen to stay on as long as you look at it.
- **Sync**: Activate or deactivate auto-syncing of applications.
- **Flight mode**: stops the device from sending or receiving any information.

The available options may vary depending on the region or service provider.

# Home screen

The Home screen is the starting point to access all of the device's features. It displays indicator icons, widgets, shortcuts to applications, and others.

The Home screen can have multiple panels. To view other panels, scroll left or right.

# Rearranging items

## Adding an application icon

On the Home screen, tap , tap and hold an application icon, and then drag it into a panel preview.

## Adding an item

Customize the Home screen by adding widgets, folders, or pages.

Tap and hold the empty area on the Home screen, and then select one of the following categories:

- **Apps and widgets**: Add widgets to the Home screen.
- **Folder**: Create a new folder.
- **Page**: Create a new page.

## Moving an item

Tap and hold an item and drag it to a new location. To move it to another panel, drag it to the side of the screen.

## Removing an item

Tap and hold an item, and drag it to the rubbish bin that appears at the top of the Home screen. When the rubbish bin turns red, release it.

# Rearranging panels

## Adding a new panel

Tap → **Edit page** → .

## Moving a panel

Tap → **Edit page**, tap and hold a panel preview, and then drag it to a new location.

## Removing a panel

Tap → **Edit page**, tap and hold a panel preview, and then drag it to the rubbish bin at the top of the screen.

# Setting wallpaper

Set an image or photo stored in the device as wallpaper for the Home screen.

On the Home screen, tap → **Set wallpaper** → **Home screen**, and then select one of the following:

- **Gallery**: See photos taken by the device's camera or images downloaded from the Internet.
- **Live wallpapers**: See animated images.
- **Wallpapers**: See wallpaper images.

Then, select an image and tap **Set wallpaper**. Or, select an image, resize it by dragging the frame, and then tap **Done**.

## Using widgets

Widgets are small applications that provide convenient functions and information on your Home screen. To use them, add widgets from the widgets panel to the Home screen.

- Some widgets connect to web services. Using a web-based widget may result in additional charges.
- The widgets available may vary depending on the region or service provider.

### Adding widgets to the Home screen

On the Home screen, tap → **Widgets**. Scroll left or right on the widgets panel, and then tap and hold a widget to add it to the Home screen.

### Using the setting shortcut widget

On the Home screen, tap → **Widgets**, and then tap and hold **Settings Shortcut** to open a list of setting options. Select a setting option to add it to the Home screen as a shortcut.

# Using applications

This device can run many different types of applications, ranging from media to Internet applications.

## Opening an application

On the Home screen or the Applications screen, select an application icon to open it.

## Opening from recently-used applications

Press and hold the Home button to open the list of recently-used applications.

Select an application icon to open.

## Closing an application

Close applications not in use to save battery power and maintain device performance.

Press and hold the Home button, tap **Task manager**, and then tap **End** next to an application to close it. To close all running applications, tap **End all**. Alternatively, press and hold the Home button, and then tap **Remove all**.

# Applications screen

The Applications screen displays icons for all applications, including any new applications installed.

On the Home screen, tap to open the Applications screen.

To view other panels, scroll left or right.

## Rearranging applications

Tap → **Edit**, tap and hold an application, and then drag it to a new location. To move it to another panel, drag it to the side of the screen.

## Organizing with folders

Put related applications together in a folder for convenience.

Tap → **Edit**, tap and hold an application, and then drag it to **Create folder**. Enter a folder name and then tap **OK**. Put applications into the new folder by dragging, and then tap **Save** to save the arrangement.

## Rearranging panels

Pinch on the screen, tap and hold a panel preview, and then drag it to a new location.

## Installing applications

Use application stores, such as **Samsung Apps**, to download and install applications.

## Uninstalling applications

Tap → **Uninstall**, and then select an application to uninstall it.

Default applications that come with the device cannot be uninstalled.

## Sharing applications

Share downloaded applications with other users via email, Bluetooth, or other methods.

Tap → **Share apps**, select applications, tap **Done**, and then select a sharing method. The next steps vary depending on the method selected.

# Help

Access help information to learn how to use the device and applications or configure important settings.

Tap **Help** on the Applications screen. Select an item to view tips.

# Entering text

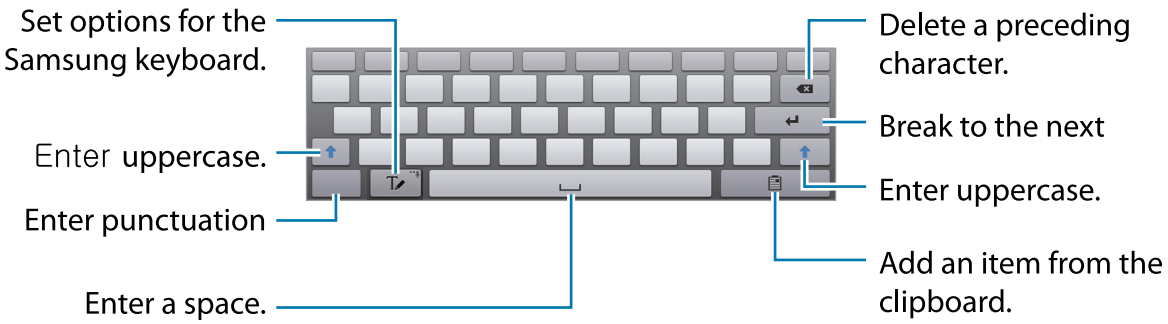
Use the Samsung keyboard or the voice input feature to enter text.

Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.

## Changing the keyboard type

Tap any text field, open the notifications panel, tap **Choose input method**, and then select the type of keyboard to use.

# Using the Samsung keyboard




## Entering uppercase

Tap ⬆ before entering a character. For all caps, tap it twice.

## Changing the keyboard type

Tap and hold T, and then tap ⌨ to change the keyboard type. Tap and hold ⠿ and move the floating keyboard to another location.

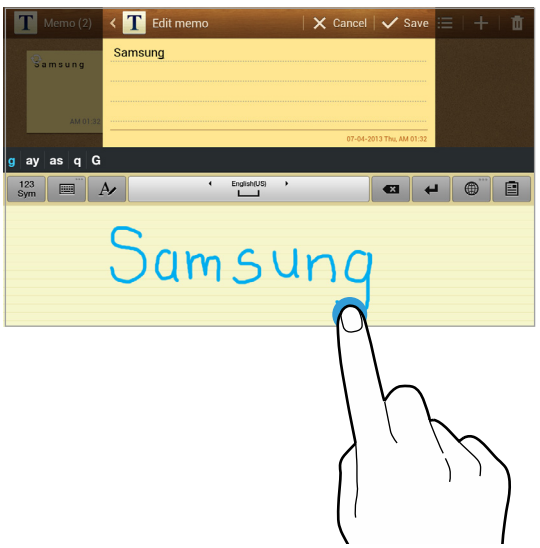
To switch to the fixed keyboard, tap ⌨.

## Changing language keyboards

Add languages to the keyboard, and then slide the space key left or right to change language keyboards.

## Handwriting

Tap and hold T, tap T, and then write a word with a finger. Suggested letters appear as characters are entered.



## Entering text by voice

Activate the voice input feature and then speak into the microphone. The device displays what you speak.

If the device does not recognize your words correctly, tap the underlined text and select an alternative word or phrase from the dropdown list.

To change the language or add languages for the voice recognition, tap the current language.

When you are finished, tap **Tap to pause**.

## Copying and pasting

Tap and hold over text, drag or to select more or less text, and then tap **Copy** to copy or **Cut** to cut. The selected text is copied to the clipboard.

To paste it into a text entry field, tap and hold at the point where it should be inserted, and then tap **Paste**.

# Connecting to a Wi-Fi network

Connect the device to a Wi-Fi network to use the Internet or share media files with other devices. (p. 80)

## Turning Wi-Fi on and off

Open the quick setting panel, and then tap **Wi-Fi** to turn it on or off.

- Turn off Wi-Fi to save the battery when not in use.

## Joining Wi-Fi networks

On the Applications screen, tap **Settings** → **Wi-Fi**, and then drag the **Wi-Fi** switch to the right.

Select a network from the list of detected Wi-Fi networks, enter a password if necessary, and then tap **Connect**. Networks that require a password appear with a lock icon. After the device connects to a Wi-Fi network, the device will automatically connect to it any time it is available.

## Adding Wi-Fi networks

If the desired network does not appear in the networks list, tap **Add Wi-Fi network** at the bottom of the networks list. Enter the network name in **Network SSID**, select the security type and enter the password if it is not an open network, and then tap **Connect**.

## Forgetting Wi-Fi networks

Any network that has ever been used, including the current network, can be forgotten so the device will not automatically connect to it. Select the network in the networks list, and then tap **Forget**.

# Setting up accounts

Google applications, such as **Play Store**, require a Google account, and **Samsung Apps** requires a Samsung account. Create Google and Samsung accounts to have the best experience with the device.

## Adding accounts

Follow the instructions that appear when opening a Google application without signing in to set up a Google account.

To sign in with or sign up for a Google account, on the Applications screen, tap **Settings** → **Add account** → **Google**. After that, tap **New** to sign up, or tap **Existing**, and then follow on-screen instructions to complete the account setup. More than one Google account can be used on the device.

Set up a Samsung account as well.

## Removing accounts

On the Applications screen, tap **Settings**, select an account name under **Accounts**, select the account to remove, and then tap **Remove account**.

# Transferring files

Move audio, video, image, or other types of files from the device to the computer, or vice versa.

The following file formats are supported by some applications. Some file formats are not supported depending on the version of the device's software.

- Music: mp3, m4a, mp4, 3gp, 3ga, wma, ogg, oga, aac, and flac
- Image: bmp, gif, jpg, and png
- Video: 3gp, mp4, avi, wmv, flv, and mkv
- Document: doc, docx, xls, xlsx, ppt, pptx, pdf, and txt

## Connecting with Samsung Kies

Samsung Kies is a computer application that manages media libraries, contacts, and calendars, and syncs them with Samsung devices. Download the latest Samsung Kies from the Samsung website.

1 Connect the device to the computer using the USB cable.

Samsung Kies launches on the computer automatically. If Samsung Kies does not launch, double-click the Samsung Kies icon on the computer.

2 Transfer files between your device and the computer.

Refer to the Samsung Kies help for more information.

## Connecting with Windows Media Player

Ensure that Windows Media Player is installed on the computer.

1 Connect the device to the computer using the USB cable.

2 Open Windows Media Player and sync music files.

## Connecting as a media device

1 Connect the device to the computer using the USB cable.

2 Open the notifications panel, and then tap **Connected as a media device** → **Media device (MTP)**.

Tap **Camera (PTP)** if your computer does not support Media Transfer Protocol (MTP) or not have any appropriate driver installed.

3 Transfer files between your device and the computer.

# Securing the device

Prevent others from using or accessing personal data and information stored in the device by using the security features. The device requires an unlock code whenever unlocking it.

## Setting a face unlock

On the Applications screen, tap **Settings** → **Lock screen** → **Screen lock** → **Face unlock**.

Fit your face in the frame to be captured. Then, set a backup unlock PIN or pattern to unlock the screen in case the face unlock fails.

## Setting face and voice unlock

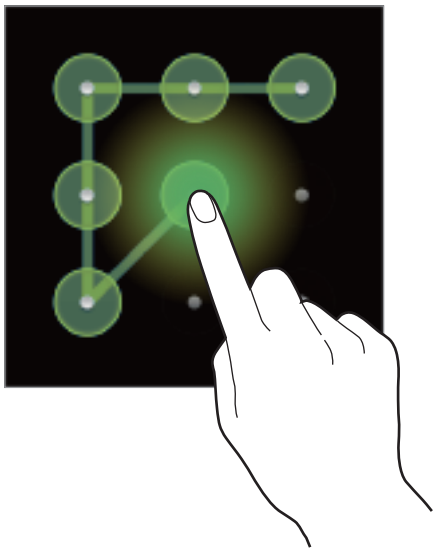
On the Applications screen, tap **Settings** → **Lock screen** → **Screen lock** → **Face and voice**.

Fit your face in the frame to be captured. Then, press the microphone button and say the word or phrase you want to use as your wake-up command four times. Set a backup unlock PIN or pattern to unlock the screen in case the face unlock fails.

## Setting a pattern

On the Applications screen, tap **Settings** → **Lock screen** → **Screen lock** → **Pattern**.

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup unlock PIN to unlock the screen when you forget the pattern.



## Setting a PIN

On the Applications screen, tap **Settings** → **Lock screen** → **Screen lock** → **PIN**.

Enter at least four numbers, and then enter the password again to verify it.

## Setting a password

On the Applications screen, tap **Settings** → **Lock screen** → **Screen lock** → **Password**.

Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

## Unlocking the device

Turn on the screen by pressing the Power button or the Home button, and enter the unlock code.

If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

# Upgrading the device

The device can be upgraded to the latest software.

This feature may not be available depending on the region or service provider.

## Upgrading with Samsung Kies

Launch Samsung Kies and connect the device to the computer. Samsung Kies automatically recognizes the device and shows available updates in a dialogue box, if any. Click the Update button in the dialogue box to start upgrading. Refer to the Samsung Kies help for details on how to upgrade.

- Do not turn off the computer or disconnect the USB cable while the device is upgrading.
- While upgrading the device, do not connect other media devices to the computer. Doing so may interfere with the update process.

## Upgrading over the air

The device can be directly upgraded to the latest software by the firmware over-the-air (FOTA) service.

On the Applications screen, tap **Settings** → **About device** → **Software update** → **Update**.

# Communication

## Contacts

Use this application to manage contacts, including phone numbers, email addresses, and others.

Tap **Contacts** on the Applications screen.

### Managing contacts

#### Creating a contact

Tap and enter contact information.

- : Add an image.
- / : Add or delete a contact field.

#### Editing a contact

Select a contact to edit, and then tap .

#### Deleting a contact

Tap .

#### Selecting a speed dial number

Tap → **Speed dial setting**, select a speed dial number, and then select a contact for it. To remove a speed dial number, tap → **Speed dial setting** → → **Remove**.

### Searching for contacts

Use one of the following search methods:

- Scroll up or down the contacts list.
- Use the index at the left side of the contacts list for quick scrolling, by dragging a finger along it.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- ☆ : Add to favourite contacts.
- : Compose an email.

## Displaying contacts

By default, the device shows all saved contacts on the device or another account.

Tap → **Contacts to display**, and then select a location where contacts are saved.

## Importing and exporting contacts

### Syncing with Google Contacts

Tap → **Merge accounts** → **Merge with Google**.

Contacts synced with Google Contacts appear with in the contacts list.

If a contact is added or deleted on the device, it is also added to or deleted from Google Contacts, and vice versa.

### Syncing with Samsung Contacts

Tap → **Merge accounts** → **Merge with Samsung**.

Contacts synced with Samsung Contacts appear with in the contacts list.

If a contact is added or deleted on the device, it is also added to or deleted from Samsung Contacts, and vice versa.

### Importing contacts

Tap → **Import/Export** → **Import from USB storage** or **Import from SD card**.

### Exporting contacts

Tap → **Import/Export** → **Export to USB storage** or **Export to SD card**.

### Sharing contacts

Tap → **Import/Export** → **Share namecard via**, select contacts, tap **Done**, and then select a sharing method.

# Favourite contacts

Tap **Contacts** → **Favourites**.

Tap , and then take one of the following actions:

- **Search**: Search for contacts.
- **Add to Favourites**: Add contacts to favourites.
- **Remove from Favourites**: Remove contacts from favourites.

# Contact groups

Tap **Contacts** → **Groups**.

## Adding contacts to a group

Select a group, and then tap → **Add member**. Select contacts to add, and then tap **Done**.

## Managing groups

Tap , and then take one of the following actions:

- **Search**: Search for contacts.
- **Edit**: Change the group settings.
- **Add member**: Add members to the group.
- **Remove member**: Remove members from the group.
- **Send email**: Send an email to a group's members.
- **Change order**: Tap and hold  next to the group name, drag it up or down to another position, and then tap **Done**.
- **Help**: View additional information about creating and using groups.

## Sending a message or email to a group's members

Select a group, tap → **Send message** or **Send email**, select members, and then tap **Done**.

# Business card

Create a business card and send it to others.

Tap **Set up my profile**, enter details, such as phone number, email address, and postal address, and then tap **Save**. If user information has been saved when you set up the device, select the business card in **ME**, and then tap  to edit.

Tap → **Share namecard via**, and then select a sharing method.

# Email

Use this application to send or view email messages.

Tap **Email** on the Applications screen.

## Setting up email accounts

Set up an email account when opening **Email** for the first time.

Enter the email address and password. Tap **Next** for a private email account, such as Google Mail, or tap **Manual setup** for a company email account. After that, follow on-screen instructions to complete the setup.

To set up another email account, tap → **Settings** → **Add account**.

## Sending messages

Tap the email account to use, and then tap at the top of the screen. Enter recipients, subject, and message, and then tap **Send**.

Tap to add a recipient from the contacts list.

Tap **+Cc/Bcc** to add more recipients.

Tap **+Me** to add yourself as a recipient.

Tap to attach images, videos, contacts, memos, events, and others.

Tap to insert images, events, contacts, and location information into the message.

## Sending scheduled messages

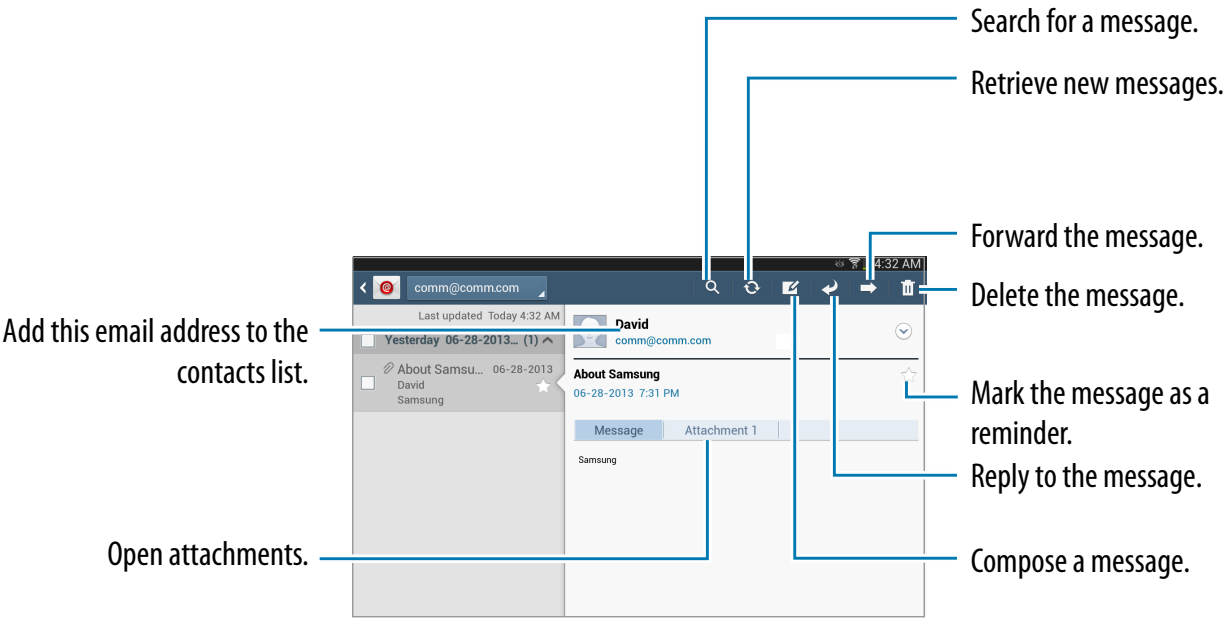
While composing a message, tap . Tick **Schedule sending**, set a time and date, and then tap **Done**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

## Reading messages

Select an email account to use, and new messages are retrieved. To manually retrieve new messages, tap .

Tap a message to read.




Tap the attachment tab to open attachments, and then tap **Save** to save it.

# Gmail

Use this application to quickly and directly access the Google Mail service.

Tap **Gmail** on the Applications screen.

- This application may not be available depending on the region or service provider.
- This application may be labelled differently depending on the region or service provider.

## Sending messages

In any mailbox, tap , enter recipients, a subject, and a message, and then tap **SEND**.

Tap **+CC/BCC** to add more recipients.

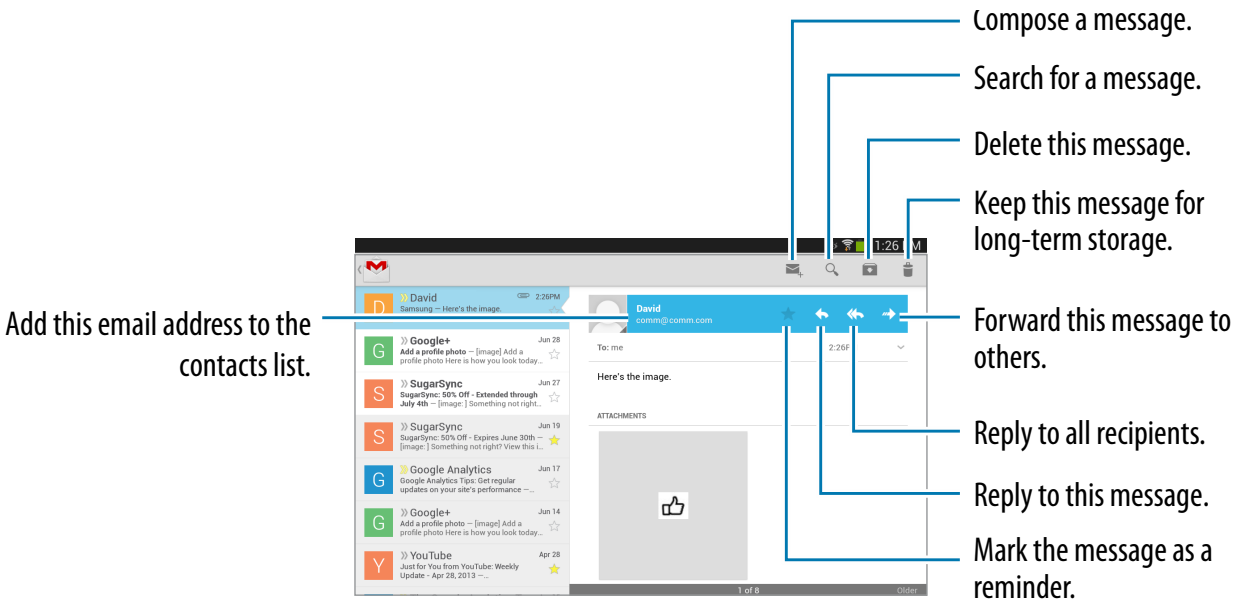
Tap to attach images.

Tap → **Save draft** to save the message for later delivery.

Tap → **Attach video** to attach videos.

Tap → **Discard** to start over.

## Reading messages


Compose a message.
Search for a message.
Delete this message.
Keep this message for long-term storage.
Add this email address to the contacts list.
Forward this message to others.
Reply to all recipients.
Reply to this message.
Mark the message as a reminder.

### Labels

Gmail uses labels rather than folders. When Gmail is launched, it displays messages labeled Inbox.

To add a label to a message, select the message, tap → **Change labels**, and then select the label to assign.

# Talk

Use this application to chat with others via Google Talk.

Tap **Talk** on the Applications screen.

This application may not be available depending on the region or service provider.

## Public profile

Tap the account ID at the top of the friends list to change the availability status, image, or status message.

## Adding friends

Tap , enter the email address of the friend to add, and then tap **DONE**.

## Chatting with friends

Select a friend from the friends list, enter a message in the field at the bottom of the screen, and then tap .

To add a friend to chat, tap → **Add to chat**.

To end the chat, tap → **End chat**.

## Switching between chats

Select a friend from the friends list.

## Deleting chat history

Chats are automatically saved. To delete chat history, tap → **Clear chat history**.

# Google+

Use this application to stay connected with people via Google's social network service.

Tap **Google+** on the Applications screen.

This application may not be available depending on the region or service provider.

Tap **All circles** to change the category, and then scroll left or right to view posts from your circles.

# ChatON

Use this application to chat with any device that has a mobile phone number.

Tap **ChatON** on the Applications screen.

This application may not be available depending on the region or service provider.

Create the buddies list by entering phone numbers or email addresses of Samsung accounts, or selecting buddies from the list of suggestions.

Select a buddy to start chatting.

To sync contacts on the device with ChatON, tap **More** → **Contact Sync**.

# Messenger

Use this application to chat with others via Google+ instant messaging service.

Tap **Messenger** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a friend from the friends list, enter a message in the field at the bottom of the screen, and then tap ➤.

# Web & network

## Internet

Use this application to browse the Internet.

Tap **Internet** on the Applications screen.

### Viewing webpages

Tap the address field, enter the web address, and then tap **Go**.

Tap to share, save, or print the current webpage while viewing a webpage.

To change the search engine, tap → **Settings** → **Advanced** → **Set search engine**.

### Opening a new page

Tap +.

To go to another webpage, scroll left or right on the title field, and tap the page to select it.

### Searching the web by voice

Tap the address field, tap , speak a keyword, and then select one of the suggested keywords that appear.

This feature may not be available depending on the region or service provider.

### Bookmarks

To bookmark the current webpage, tap ★.

To open a bookmarked webpage, tap , and then select one.

## History

Tap → **History** to open a webpage from the list of recently-visited webpages. To clear the history, tap → **Clear history**.

Tap → **History** → **Most visited** to open a webpage from the list of most visited webpages.

## Saved pages

To view saved webpages, tap → **Saved pages**.

## Links

Tap and hold a link on the webpage to open it in a new page, save, or copy.

To view saved webpages, tap → **Downloads**.

## Sharing webpages

To share a webpage address with others, tap → **Share page**.

To share a part of a webpage, tap and hold the desired text, and then tap **Share**.

# Chrome

Use this application to search for information and browse webpages.

Tap **Chrome** on the Applications screen.

This application may not be available depending on the region or service provider.

## Viewing webpages

Tap the address field, and then enter a web address or search criteria.

## Opening a new page

Tap → **New tab**.

To go to another webpage, scroll left or right on the title field, and tap the page to select it.

## Bookmarks

To bookmark the current webpage, tap ☆, enter details, such as name and web address, and then tap **Save**.

To open a bookmarked webpage, ⋮ → **Bookmarks**, and then select one.

## Searching the web by voice

Tap 🎤, speak a keyword, and then select one of the suggested keywords that appear.

## Syncing with other devices

Sync open tabs and bookmarks to use with Chrome on another device, when you are logged in with the same Google account.

To view open tabs on other devices, tap ⋮ → **Other devices**. Select a webpage to open. To view bookmarks, tap ☆.

# Bluetooth

Bluetooth creates a direct wireless connection between two devices over short distances. Use Bluetooth to exchange data or media files with other devices.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes).

  Samsung is not responsible for the repercussion of illegal use of the Bluetooth feature.

To activate Bluetooth, on the Applications screen, tap **Settings** → **Bluetooth**, and then drag the **Bluetooth** switch to the right.

## Pairing with other Bluetooth devices

On the Applications screen, tap **Settings** → **Bluetooth** → **Scan**, and detected devices are listed. Select the device you want to pair with, and then accept the auto-generated passkey on both devices to confirm.

## Sending and receiving data

Many applications support data transfer via Bluetooth. An example is **Gallery**. Open **Gallery**, select an image, tap → **Bluetooth**, and then select one of the paired Bluetooth devices. After that, accept the Bluetooth authorisation request on the other device to receive the image. The transferred file is saved in the **Bluetooth** folder. If a contact is received, it is added to the contacts list automatically.

# Smart Remote

Use this application to use the device as a remote control for TVs and entertainment systems.

Tap **Smart Remote** on the Applications screen.

You must first connect the device to a Wi-Fi AP and ensure that the device's infrared port is facing the TV.

## Setting the device as a remote control for a TV

Tap **Choose Your Country or Region**, select a country or a region, and then follow on-screen instructions to complete the setup process.

To open the remote control panel, tap the panel handle at the bottom right edge of the screen.

To add another room, tap > **Add New Room**.

## Customizing remote control settings

Tap and use the following options:

- **Edit channels**: Hide channels.
- **Rooms & Devices**: Change connection settings.
  - **Provider**: Hide channels.
  - **Devices**: Change command codes when there are problems with particular controls, or add a new device.
  - **Activities**: Configure devices and connections for various activities.
- **Profile**: Enter user profile so that Peel can help you find top picks you can enjoy.
- **Favorite Programs**: View favourite programs.
- **Cut programs**: Restore previously hidden programs.
- **Genres**: Hide or change the order of genres.
- **Sports**: Hide or change the order of sports.
- **Send Feedback**: Report your opinions for application development.
- **Notifications**: Set automatic notifications on or off.
- **Reset Peel**: Reset the connection settings.

# Media

## Music Player

Use this application to listen to music.

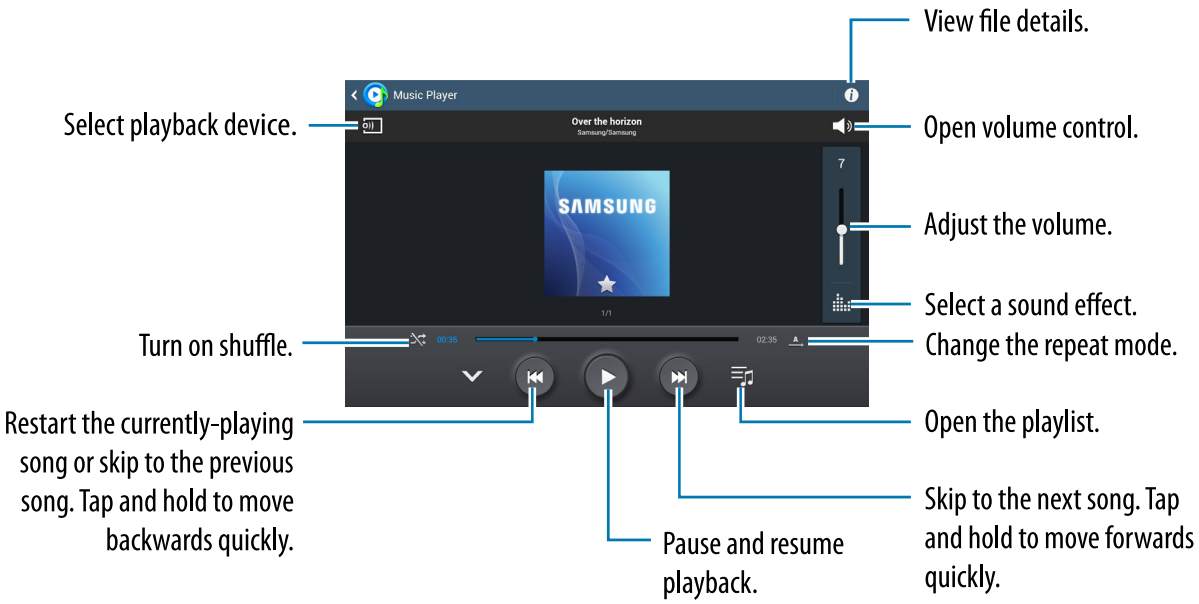
Tap **Music Player** on the Applications screen.

- Some file formats are not supported depending on the device's software version.
- Some files may not play properly depending on the encoding used.

### Playing music

Select a music category, and then select a song to play.

Tap the album image to open the music player screen.


View file details.
Select playback device.
Music Player
Over the horizon
Samsung/Samsung
Open volume control.
SAMSUNG
Adjust the volume.
Select a sound effect.
Turn on shuffle.
Change the repeat mode.
Restart the currently-playing song or skip to the previous song. Tap and hold to move backwards quickly.
Open the playlist.
Skip to the next song. Tap and hold to move forwards quickly.
Pause and resume playback.

### Setting a song as alarm tone

To use the currently-playing song as an alarm tone, tap → **Set as**, and select an option.

## Creating playlists

Make an own selection of songs.

Tap → **New playlist**. Enter a title and tap **OK**. Select songs to include, and then tap **Done**.

To add the currently-playing song to a playlist, tap → **Add to playlist**.

## Playing music by mood

Play music grouped by mood. The playlist is automatically created by the device. When a new song is added, tap **Music square** → .

Tap **Music square** and select a cell of mood. Or select multiple cells by dragging your finger.

# Camera

Use this application to take photos or videos.

Use **Gallery** to view photos and videos taken with the device's camera. (p. 54)

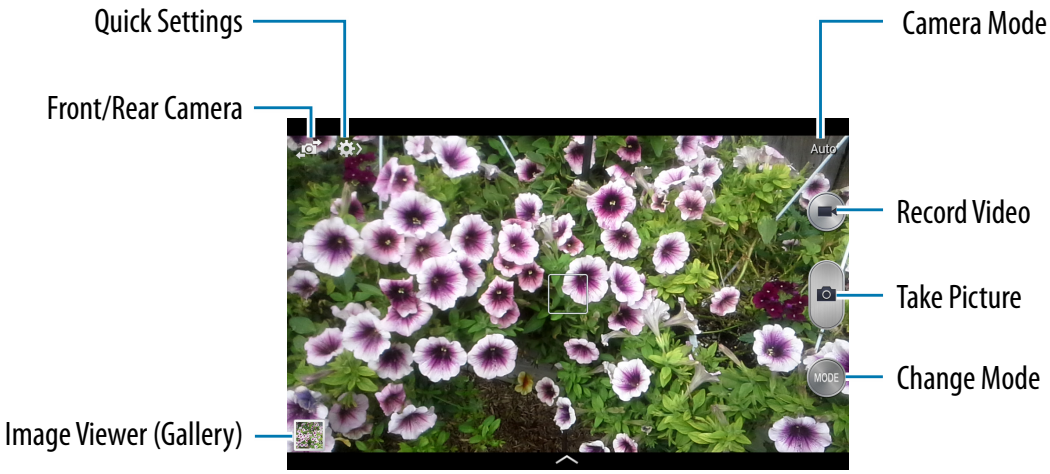
Tap **Camera** on the Applications screen.

The camera automatically shuts off when unused.

### Camera etiquette

- Do not take photos or videos of other people without their permission.
- Do not take photos or videos where legally prohibited.
- Do not take photos or videos in places where you may violate other people's privacy.

# Taking photos and videos




## Taking a photo

Tap the image on the preview screen where the camera should focus. When the subject is in focus, the focus frame turns green. Pinch the screen to zoom out or pinch outwards to zoom in. You can magnify the image up to x4 (400 percent). Tap to take the photo.

## Recording video

Tap the image on the preview screen where the camcorder should focus. When the subject is in focus, the focus frame turns green. To zoom out or in, use the volume buttons or pinch the screen. You can magnify the image up to x4 (400 percent). tap to start recording a video. To pause recording, tap . To resume recording, tap . To stop recording, tap .

# Camera and camcorder settings

## Camera modes

Predefined settings make point-and-shoot photos easier to take.

Tap MODE and select one of the following:

- **Auto**: Automatically adjust exposure to optimize colour and brightness of pictures.
- **Beauty face**: Use this to take photos with softened faces for gentler images.
- **Sound & shot**: Enrich pictures by adding a few seconds of background sound.
- **Panorama**: Use this to take wide panoramic photos. Tap and rotate the tablet in a complete circle while standing in one spot.

- **Sports**: Use this setting for fast-moving subjects.
- **Night**: Use this setting for images taken in low-light conditions without using the flash.

## Quick settings

Tap at the top of the display to quickly change Camera settings. The default quick settings are:

- **(Focus mode)**: Select **Auto focus** for photos taken at normal distances or **Macro** for close-up photos.
- **(Timer)**: Set a time delay before a photo is taken or video recording starts.
- **(Voice control)**: Take pictures with voice commands "Smile", "Cheese", "Capture" and "Shoot".
- **(Recording mode)**: Set video recording size limit to **Normal** or **Limit for Email**.
- (**Share**): Activate or deactivate sharing options.

To edit the available quick settings, tap → **Edit quick settings**. Tap and hold an icon then drag it to the desired position in the Quick settings bar.

## Settings

To configure settings, tap → **Settings**. The follow settings are located under the Camera, Camcorder and General tabs. The settings that are displayed will depend on what camera mode you are in.

### Camera

- **Photo size**: Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.
- **Metering**: Select the area of the image where exposure is measured (Centre-weighted, Matrix or Spot).
- **ISO**: determines light meter sensitivity. Choose from Auto, 100, 200, or 400. Use a lower ISO number to make your camera less sensitive to light, a higher ISO to take photos with less light, or Auto to let the camera automatically adjust the ISO for each shot.
- **Focus mode**: Select Auto focus for photos taken at normal distances or Macro for close-up photos.

### Camcorder

- **Video size**: Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.

### General

- **GPS tag**: Attach a GPS location tag to the photo. To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions. Your location may appear on your photos if you upload them to the Internet. To avoid this, deactivate the GPS tag setting.
- **Review**: Set this option if you want to view each picture after you take it. Select a time value.
- **Volume key**: Choose whether the volume keys act as the zoom key, the camera key or the record key.
- **Timer**: Use this for delayed-time shots. You can set the timer to Off, 2 secs, 5 secs, or 10 secs.
- **White balance**: Select an appropriate white balance, so images have a true-to-life colour range. The settings are Auto, Daylight, Cloudy, Incandescent or Fluorescent .
- **Exposure value**: allows you to adjust the brightness level by moving the slider.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Voice control**: Allows you to take pictures using voice commands Smile, Cheese, Capture and Shoot.
- **Contextual filename**: allows you to have your location added as part of the filename. You must first activate GPS tag described above.
- **Save as flipped**: when set to On, this option allows you to take and save a mirror-image video when using the front camera.
- **Storage**: Select the memory location for storage.
- **Reset**: Reset the camera settings.

## Zooming in and out

Use one of the following methods:

- Use the Volume button to zoom in or out.
- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.

The zoom in/out effect is available when using the zoom feature while shooting video.

# Gallery

Use this application to view images and videos.

Tap **Gallery** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on how they are encoded.

## Viewing images

Launching **Gallery** displays available folders. When another application, such as **Email**, saves an image, the **Download** folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates the **Screenshots** folder. Select a folder to open it.

In a folder, images are displayed by creation date. Select an image to view it in full screen.

Scroll left or right to view the next or previous image.

### Zooming in and out

Use one of the following methods to zoom in an image:

- Double-tap anywhere to zoom in.
- Spread two fingers apart on any place to zoom in. Pinch to zoom out, or double-tap to return.

## Playing videos

Video files show the icon on the preview. Select a video to watch it and tap .

## Editing images

When viewing an image, tap and use the following functions:

- **Favourite:** Add the image to the favourites list.
- **Slideshow**: Start a slideshow with the images in the current folder.
- **Photo frame**: Use this to write a note below the image. The edited image is saved in the **Photo frame** folder.
- **Photo note**: Use this to write a note on the back of the image. Tap to edit the note.
- **Copy to clipboard**: Copy to clipboard.
- **Print**: Print via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.
- **Rename**: Rename the file.
- **Buddy photo share**: Send the image to a person whose face is tagged in the image.
- **Rotate left**: Rotate counter-clockwise.
- **Rotate right**: Rotate clockwise.
- **Crop**: Resize the blue frame to crop and save the image in it.
- **Scan for nearby devices**: Search for devices that have media sharing activated.
- **Set as**: Set the image as a wallpaper or a contact image.
- **Details**: View image details.
- **Settings**: Change the Gallery settings.

## Deleting images

Use one of the following methods:

- In a folder, tap → **Select item**, select images by ticking, and then tap .
- When viewing an image, tap .

## Sharing images

Use one of the following methods:

- In a folder, tap → **Select item**, select images by ticking, and then tap to send them to others.
- When viewing an image, tap to send it to others or share it via social network services.

## Setting as wallpaper

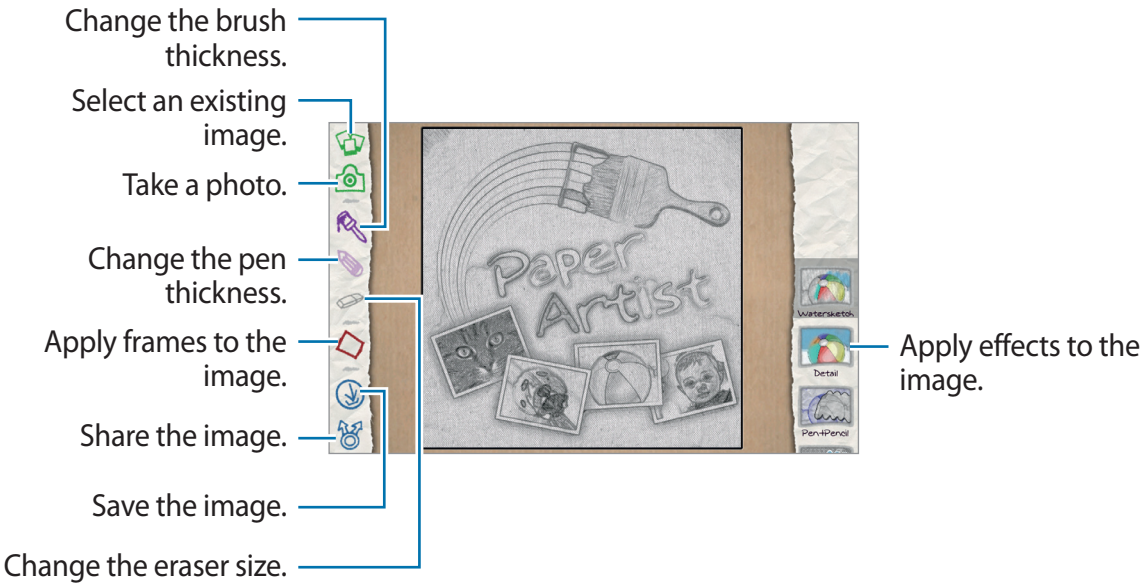
When viewing an image, tap → **Set as** to set the image as wallpaper or to assign it to a contact.

# Paper Artist

Use this application to make images look like illustrations with fun effects or frames.

Tap **Paper Artist** on the Applications screen.

Use artistic tools to edit an image. The edited image is saved in the **Gallery** → **Paper Pictures** folder.



# Video Player

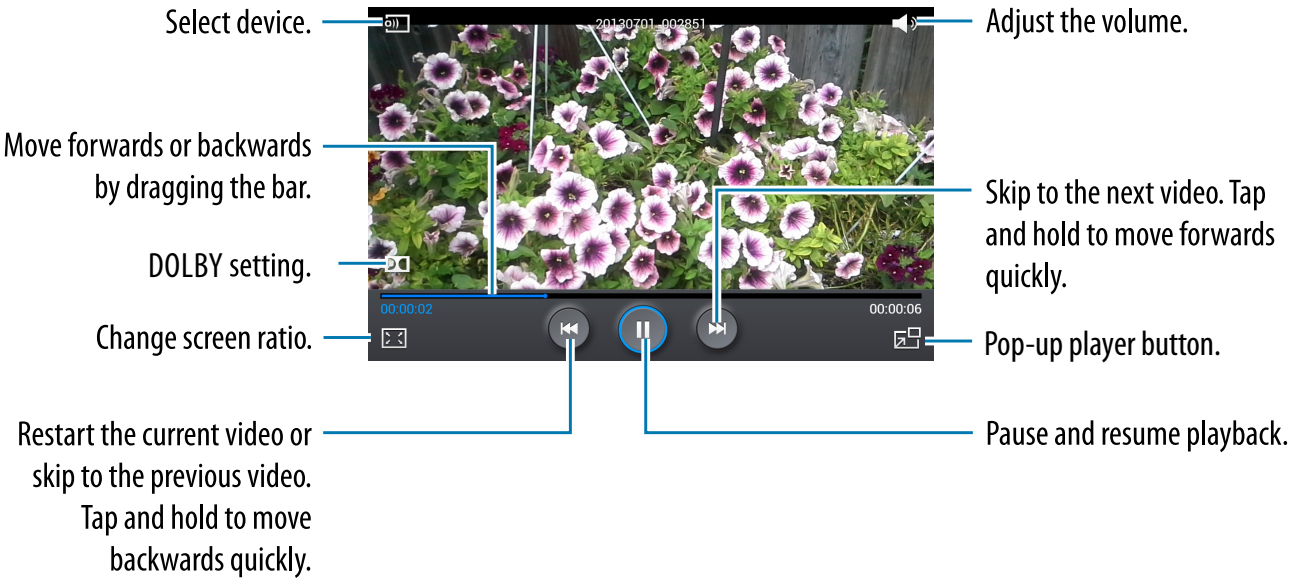
Use this application to play video files.

Tap **Video Player** on the Applications screen.

- Avoid locking the device's screen while playing a DivX Video-On-Demand. Each time you lock the screen while playing a DivX Video-On-Demand, one of your available rental counts is lost.
- Some file formats are not supported depending on the device's software.
- Some files may not play properly depending on how they are encoded.

## Playing videos

Select a video to play.


Select device.
Move forwards or backwards by dragging the bar.
DOLBY setting.
Change screen ratio.
Restart the current video or skip to the previous video. Tap and hold to move backwards quickly.
Adjust the volume.
Skip to the next video. Tap and hold to move forwards quickly.
Pop-up player button.
Pause and resume playback.
00:00:02
00:00:06

## Deleting videos

Tap → **Delete**, select videos by ticking, and then tap **Delete**.

## Sharing videos

Tap → **Share via**, select a sharing method, select videos by ticking, and then tap **Share**.

## Using Popup Video player

Use this feature to use other applications without closing the video player. While watching videos, tap to use the pop-up player.

Spread two fingers apart on the screen to enlarge the player or pinch to reduce it. To move the player, drag the player to another location.

# YouTube

Use this application to watch videos from the YouTube website.

Tap **YouTube** on the Applications screen.

This application may not be available depending on the region or service provider.

# Watching videos

Tap , and then enter a keyword. Select one of the returned search results to watch a video.

Tap to display full screen.

Add the video to the playlist.
Search for videos.
Send the URL to others.
Exit full screen.
Pause or resume playback.
Change display quality.
Move forwards or backwards by dragging the bar.

# Sharing videos

Select the video to view, tap , and then select a sharing method.

# Uploading videos

Tap YouTube What to watch, select your account, tap , select a video, enter information for the video, and then tap **UPLOAD**.

# Flipboard

Use this application to access your personalized magazines.

Tap **Flipboard** on the Applications screen.

This application may not be available depending on the region or service provider.

To start your Flipboard, flick left on the greeting page, tap **Get Started**, select news topics, and then tap **Build Your Flipboard**.

Select a cover story or a topic, flick through the Flipboard pages, and then select an article to read.

While reading an article, use the following icons:

- : Go to the previous page.
- : Like the article in Flipboard.
- : Save item to a magazine.
- : Share the article with others.`

# Application & media stores

## Play Store

Use this application to purchase and download applications and games that are able to run on the device.

Tap **Play Store** on the Applications screen.

This application may not be available depending on the region or service provider.

### Installing applications

Browse applications by category, or tap to search with a keyword.

Select an application to view information. To download it, tap **Install**. If there is a charge for the application, tap the price, and follow on-screen instructions to complete the purchase process.

- When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.
- To install applications that you downloaded from other sources, on the Applications screen, tap **Settings** → **Security** → **Unknown sources**.

### Uninstalling applications

Uninstall the applications purchased from **Play Store**.

Tap , select an application to delete in the list of installed applications, and then tap **Uninstall**.

# Samsung Apps

Use this application to purchase and download dedicated Samsung applications. For more information, visit *www.samsungapps.com*.

Tap **Samsung Apps** on the Applications screen.

This application may not be available depending on the region or service provider.

## Installing applications

Browse applications by category. Tap to select a category.

To search for an application, tap at the top of the screen, and then enter a keyword in the search field.

Select an application to view information. To download it, tap **Get** or **Buy**.

When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.

# Game Hub

Use this application to access games.

Tap **Game Hub** on the Applications screen.

This application may not be available depending on the region or service provider.

Scroll left or right and select a game to download from **Samsung Apps**.

# Play Books

Use this application to read and download book files.

Tap **Play Books** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a book file by scrolling left or right. While reading a book file, tap to access additional options.

To purchase book files, tap .

# Play Magazines

Use this application to read and download magazine files.

Tap **Play Magazines** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a category at the top of the screen, and then select a magazine to buy or subscribe.

# Play Movies

Use this application to watch, download, and rent movies.

Tap **Play Movies** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a category at the top of the screen, and then select a movie or video to play or rent.

# Play Music

Use this application to listen to music from the device or stream music from the Google cloud service.

Tap **Play Music** on the Applications screen.

This application may not be available depending on the region or service provider.

Play music by selecting a music category or share songs with others by uploading them to the Google cloud storage.

# Learning Hub

Use this application to access learning material.

Tap **Learning Hub** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a category, and then select a video lecture or book.

# Utilities

## Memo

Use this application to record important information to save and view at a later date.

Tap **Memo** on the Applications screen.

### Composing memos

Tap , enter a memo, and then tap **Save**.

To change the background colour, tap → **Color**. Each category has different background color.

To lock the memo so that others cannot view it, tap → **Lock**.

### Browsing notes

Browse memo thumbnails by scrolling up or down.

To edit the memo, tap the memo.

To search for a memo, tap .

To change the view mode, tap .

To delete memos, tap .

To send memos to others, tap → **Share via**.

To print memos via a USB or Wi-Fi connection, tap → **Print**. The device is only compatible with some Samsung printers.

To sync your memos with Google Docs or transfer individual memos to Google Docs or My Files, tap → **Import** or **Export.**

To change the sync settings for your Samsung or Google Docs accounts, tap → **Settings.**

#### Viewing a memo

Tap the memo thumbnail to open it. Scroll left or right to see more memos.

Tap and use the following:

- **Delete**: Delete the memo.
- **Color**: Change the background color.

- **Lock**: Lock the memo so that others cannot view it.
- **Print**: Print the memo via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.
- **Share text via**: Send the text of the memo to others.
- **Share via**: Send the memo to others.

# S Planner

Use this application to manage events and tasks.

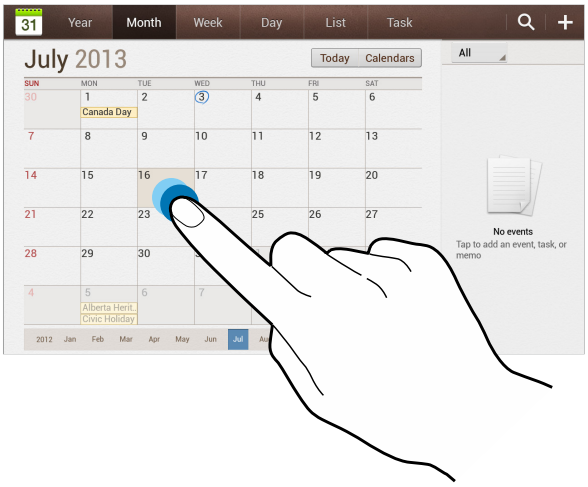
Tap **S Planner** on the Applications screen.

## Creating events or tasks

Tap , and then use one of the following methods:

- **Add event**: Enter an event with an optional repeat setting.
- **Add task**: Enter a task with an optional priority setting.
- **Add memo**: Enter a handwritten note.

To add an event or task more briefly, tap a date to select it and tap it again.



Enter a title and specify which calendar to use or sync with. Then tap **Edit event details** or **Edit task details** to add more details, such as how often the event repeats, when it has an advance alert, or where it takes place.

Attach a map showing the location of the event. Enter the location in the **Location** field, tap next to the field, and then pinpoint the precise location by tapping and holding on the map that appears.

Attach an image. Tap **Images**, and then take a photo or select one of the existing images.

## Syncing with Google Calendar

On the Applications screen, tap **Settings** → **Google** (under **Accounts)** → a Google account → **Sync Calendar**. To manually sync for updating, on the Applications screen, tap **S Planner** → → **Sync**.

To display synced event or task, tap → **Settings** → **View settings** → **Calendars** → **Display**, select the Google account, and then tap **OK**.

## Changing calendar type

Select one from among different types of calendars including year, month, week, and day. A pinch gesture can be used to change calendar type. For example, pinch to change from the monthly calendar to the yearly calendar, and spread apart to change yearly calendar back to monthly calendar.

## Searching for events

Tap , and then enter a keyword to search for.

To view today's events, tap **Today**.

## Deleting events

Select an event, and then tap → **Delete**.

## Sharing events

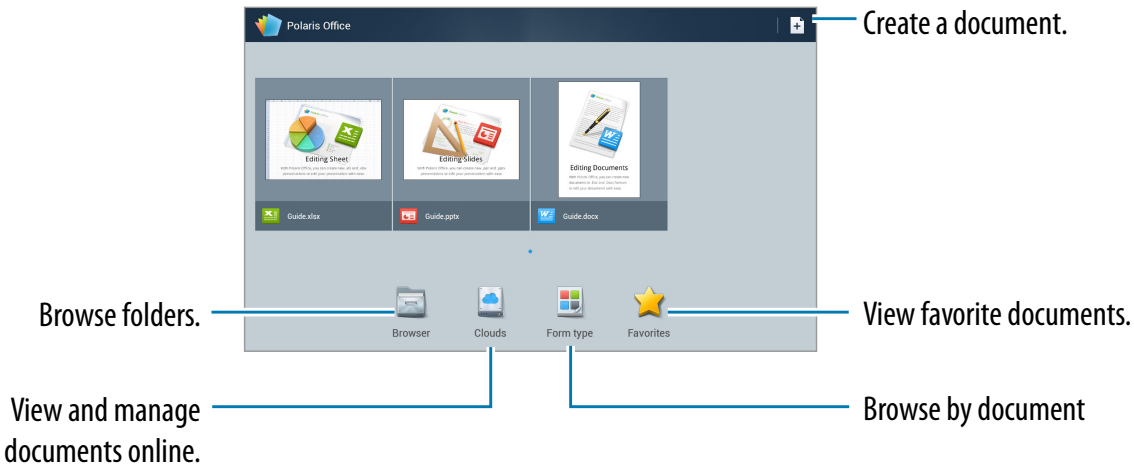
Select an event, tap → **Share via**, and then select a sharing method.

# Polaris Office

Use this application to edit documents in various formats, including spreadsheets and presentations.

Tap **Polaris Office** on the Applications screen.

Some functions may not be available, depending on the file type.




## Creating documents

Tap , and then select a document type.

Use the editing toolbar at the top of the screen to edit the document.

To finish, tap → , enter a filename, select a folder to save to, and then tap **Save**.

# Reading documents

Tap **Browser**, **Clouds**, **Form type**, or **Favorites**, and then select a file to open.

To start a slideshow, tap .

Tap , and then use one of the following functions:

## Document

- **Save as**: Save the document with a different name.
- **PDF export**: Save the document as a PDF file.
- **Find & Replace**: Search for or replace text.
- **Page layout**: Change the layout of pages.
- **Full width view**: View the document contents only, without margins.
- **Zoom In/Out**: Change the view size.
- **Reflow text**: Rearrange the text to fit the screen.
- **View Comment**: View comments in the document.
- **TTS**: Read the document via the text-to-speech feature.
- **Print**: Print the document via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.

## Presentation

- **Save as**: Save the document with a different name.
- **PDF export**: Save the document as a PDF file.
- **Find & Replace**: Search for or replace text.
- **Continuous view**: View slides continuously.
- **Zoom In/Out**: Change the view size.
- **Print**: Print the document via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.

## Spreadsheet

- **Save as**: Save the document with a different name.
- **Find & Replace**: Search for or replace text.
- **Protect worksheet**: Lock the sheet so that others cannot edit it.
- **Freeze**: Keep the selected row in place.
- **Recalculation**: Recalculate the functions on the sheet.
- **Sort**: Sort cells by specific criteria.
- **Filter**: View cells filtered by specific criteria.
- **Zoom In/Out**: Change the view size.
- **Print**: Print the document via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.

## Text

- **Save as**: Save the document with a different name.
- **TTS**: Read the document via the text-to-speech feature.
- **Print**: Print the document via a USB or Wi-Fi connection. The device is only compatible with some Samsung printers.

# Dropbox

Use this application to save and share files with others via the Dropbox cloud storage. When you save files to Dropbox, your device automatically syncs with the web server and any other computers that have Dropbox installed.

Tap **Dropbox** on the Applications screen.

This application may not be available depending on the region or service provider.

When running Dropbox for the first time, tap **Start** to activate it. Follow the on-screen instructions to complete the setup.

To upload files to Dropbox, tap → → **Upload here** → **Photos or videos** or **Other files**.

To open a file in Dropbox, tap , and then select a file.

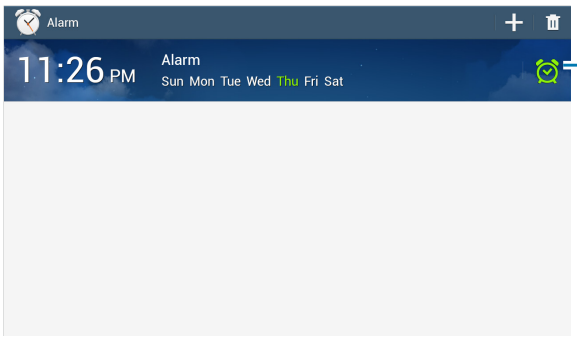
To mark a file as a favorite, tap the down arrow at the right of the file, then tap on the menu that appears underneath the file to add it to the favourites list.

To open favourite files, tap .

# Alarm

Use this application to set alarms for important events.

Tap **Alarms** on the Applications screen.



## Setting alarms

Tap , set a time for the alarm to go off, select days for the alarm to repeat, and then tap **Save**.

- **Snooze**: Set an interval and the number of times for the alarm to repeat after the preset time.
- **Smart alarm**: Set a time for the alarm to play a slowly increasing tone before the preset alarm time.

## Stopping alarms

Drag  outside the large circle to stop an alarm. Drag  outside the large circle to repeat the alarm after a specified length of time.

## Deleting alarms

Tap and hold the alarm, and then tap **Delete**.

# World Clock

Use this application to check the time in many major cities in the world.

Tap **World Clock** on the Applications screen.

## Creating clocks

Tap , enter a city name or select a city from the globe, and then tap .

To apply summer time, tap and hold a clock, and then tap **DST settings**.

## Deleting clocks

Tap , select clocks, and then tap **Delete**.

# Calculator

Use this application for simple or complex calculations.

Tap **Calculator** on the Applications screen.

To see calculation history, tap ═══ to hide the keypad.

To clear history, tap ☰ → **Clear history**.

To change the character size for history, tap ☰ → **Text size**.

# S Voice

Use this application to command the device by voice to send a message, write a memo, and more.

Tap **S Voice** on the Applications screen.

This application may not be available depending on the region or service provider.

Here are several examples of spoken commands:

- Open music
- Launch calculator
- Check schedule

Tips for better voice recognition

- Speak clearly.
- Speak in quiet places.
- Do not use offensive or slang words.
- Avoid speaking in dialectal accents.

The device may not recognize your commands or may perform unwanted commands depending on your surroundings or how you speak.

# Google

Use this application to search not only the Internet, but also applications and their contents on the device as well.

Tap **Google** on the Applications screen.

## Searching

Tap the search field, and then enter a keyword. Alternatively, tap , speak a keyword, and then select one of the suggested keywords that appear.

## Search scope

To select what applications to search, tap → **Settings** → **Tablet search**, and then tick the items to search for.

## Google Now

Launch Google search to view Google Now cards that show the current weather, public transit info, your next appointment, and more when you are most likely to need it.

Join Google Now when opening Google search for the first time. To change Google Now settings, tap → **Settings** → **Google Now**.

This feature may not be available depending on the region or service provider.

# Voice Search

Use this application to search webpages by speaking.

Tap **Voice Search** on the Applications screen.

This application may not be available depending on the region or service provider.

Speak a keyword or phrase when **Speak now** appears on the screen. Select one of the suggested keywords that appear.

# My Files

Use this application to access all kinds of files stored in the device, including images, videos, songs, and sound clips.

Tap **My Files** on the Applications screen.

Select a folder to open it. To go back to the parent folder, tap . To return to the root directory, tap .

In a folder, use one of the following functions:

- : Search for files.
- : Change the view mode.
- : Create a folder.
- **Time**: Sort files or folders.

Select a file or folder by ticking, and then use one of the following functions:

- : Copy files or folders to another folder.
- : Move files or folders to another folder.
- : Delete files or folders.
- : Send files to others.
- → **Rename**: Rename a file or folder.
- → **Details**: View file or folder details.

# Downloads

Use this application to see what files are downloaded through the applications.

Tap **Downloads** on the Applications screen.

This application may not be available depending on the region or service provider.

To see the files downloaded from the Internet, tap **Internet downloads**, otherwise, tap **Other downloads** to see the files downloaded from other applications, such as **Email**.

Select a file to open it with an appropriate application.

# TripAdvisor

Use this application to get travel information such as destination, flight, or hotel. You can also book for a room or flight and share your reviews with others.

Tap **TripAdvisor** on the Applications screen.

# Travel & local

## Maps

Use this application to pinpoint the location of the device, search for places, or get directions.

Tap **Maps** on the Applications screen.

This application may not be available depending on the region or service provider.

### Searching for locations

Tap **Search Maps**, enter an address, and then tap . Select a location to view the detailed location information. To search for nearby locations, tap .

Once the location is found, tap and use one of the following functions:

- **Clear Map**: Clear the map.
- **Make available offline**: Save the map of a specified area to view it offline.
- **Local**: Find information on establishments in the immediate area, such as Restaurants, Gas stations, Post office, ATMs.
- **Layers**: Add various layers of information to the map, such as Traffic, Terrain, or Transit Lines.
- **Latitude**: Share location information with friends.
- **My Places**: View search history.
- **Settings**: Change the map settings.
- **Help**: View information about using the map.

To view current location, tap .

To zoom in or out the map, spread two fingers apart on the screen to zoom in, and pinch to zoom out.

## Getting directions for a destination

1 Tap .

2 Tap , and then select a method to enter starting and ending locations:

- **My current location**: Use current location for starting location.
- **Contacts**: Select from the contacts list.
- **Point on map**: Pinpoint by tapping on the map.
- **My Places**: Select from the list of favourite places.

3 Select a travel method {driving, public transit, bicycle or walking) and then tap **Go**.

4 Select one of the routes that appear.

# Local

Use this application to search for nearby restaurants, banks, bus stops, and more.

Tap **Local** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a place category, and then select a place from the list of search results.

- **Map**: Pinpoint the place on the map.
- **Directions**: Search for a route to the place.

To add a place category, tap → **Add a search** on the category list, enter a keyword to search into the text field.

# Navigation

Use this application to search for a route to a destination.

Tap **Navigation** on the Applications screen.

- Navigation maps, your current location, and other navigational data may differ from actual location information. You should always pay attention to road conditions, traffic, and any other factors that may affect your driving. Follow all safety warnings and regulations while driving.
- This application may not be available depending on the region or service provider.

Specify the destination by using one of the following methods:

- Speak the destination address.
- Enter the destination address.
- Select the destination address from the contacts list.
- Select the destination from the list of starred places.

Once a route is found, follow on-screen instructions to navigate to the destination.

# Settings

## About Settings

Use this application to configure the device, set application options, and add accounts.

Tap **Settings** on the Applications screen.

## Wi-Fi

Activate the Wi-Fi feature to connect to a Wi-Fi network and access the Internet or other network devices.

To use options, tap ▭.

- **Advanced**: Customize Wi-Fi settings.
- **WPS push button**: Connect to a secured Wi-Fi network with a WPS button.
- **WPS PIN entry**: Connect to a secured Wi-Fi network with a WPS PIN.
- **Help**: Access additional information about using Wi-Fi.

### Setting Wi-Fi sleep policy

On the Settings screen, tap **Wi-Fi** → ▭ → **Advanced** → **Keep Wi-Fi on during sleep**.

When the screen is turned off, the device automatically turns off Wi-Fi connections.

### Setting Network notification

The device can detect open Wi-Fi networks and display an icon on the status bar to notify when available.

On the Settings screen, tap **Wi-Fi** → ▭ → **Advanced** and tick **Network notification** to activate this feature.

# Bluetooth

Activate the Bluetooth feature to exchange information over short distances.

# Data usage

Keep track of your data usage amount.

- **Data usage cycle**: Shows monthly cycle for monitoring your data usage.

To use more options, tap .

- **Restrict background data:** Stop some apps and services from working unless device is connected to a Wi-Fi network.
- **Auto sync data**: Set the device to sync contact, calendar, email, bookmark, and social network image data automatically.
- **Mobile hotspots**: Search for and use another device's mobile network.

# More settings

Customize settings to control connections with other devices or networks.

## Flight mode

This disables all wireless functions on your device. You can use only non-network services.

## VPN

Set up and connect to virtual private networks (VPNs).

## Nearby devices

- **File sharing**: Activate media sharing to allow other DLNA-enabled devices to access media files on your device.
- **Shared contents**: Set the device to share your content with other devices.
- **Allowed devices list**: View the list of devices that can access your device.
- **Not-allowed devices list**: View the list of devices that are blocked from accessing your device.
- **Download to**: Select a memory location for saving media files.
- **Upload from other devices**: Set the device to accept uploads from other devices.

## Kies via Wi-Fi

Connect the device to Samsung Kies via a Wi-Fi network.

# Blocking mode

Select which notifications will be blocked or set to allow notifications for calls from specified contacts in blocking mode.

# Driving Mode

Read out alarm and/or scheduled alarm information when alarms sound.

# Sound

Change settings for various sounds on the device.

- **Volume**: Adjust the volume level for music and videos, system sounds, and notifications.
- **Default notification sound**: Select a ringtone for events, such as incoming messages and alarms.
- **Touch sounds**: Set the device to sound when selecting an application or option on the touch screen.
- **Screen lock sound**: Set the device to sound when locking or unlocking the touch screen.
- **Adapt sound**: Customize the sound level while playing music.

# Display

Change the settings for the display.

- **Wallpaper**:
  - **Home screen**: Select a background image for the Home screen.
  - **Lock screen**: Select a background image for the locked screen.
  - **Home and lock screens**: Select a background image for the Home screen and the locked screen.
- **Notification panel**: Customize the items that appear on the quick setting panel.
- **Screen mode**: Select a screen colour mode.
- **Reading mode:** The screen is optimized for reading (only available for selected applications).
- **Brightness**: Set the brightness of the display.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Daydream**: Set the device to launch a screensaver when docking or charging.
- **Smart screen**: Set the interface not to rotate according to the orientation of your face.
- **Font style**: Change the font type for display text.
- **Font size**: Change the font size.
- **Increase legibility**: Enhance text clarity.
- **Touch key light duration**: Set the duration for the touch button backlight.
- **Display battery percentage**: Set the device to display the remaining battery life.

# Storage

View memory information for your device and memory card, or format a memory card.

Formatting a memory card permanently deletes all data from it.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory.

# Power saving mode

Activate power-saving mode and change the settings for power-saving mode.

- **CPU power saving**: Set the device to limit some system resource usage.
- **Screen power saving**: Set the device to decrease the brightness of the display.
- **Learn about Power saving mode**: Discover how to reduce battery consumption.

# Battery

View the amount of battery power consumed by your device.

# Application manager

View and manage the applications on your device.

# Location services

Change settings for location information permissions.

- **Access to my location**: Set this to allow applications to use location information.
- **Use GPS satellites**: Set the device to use the GPS satellite for finding the current location.
- **Use wireless networks**: Set this to allow applications to determine location by Wi-Fi..
- **My places**: Save your favourite locations for use with services that require location information

# Lock screen

Change settings for the locked screen.

- **Screen lock**: Activate the screen lock feature.
- **Multiple widgets**: Display multiple lock screen sidgets on your lock screen.
- **Lock screen widgets:**
  - **Clock or personal message**: Set the device to show a clock or personal message on the locked screen. The following options may vary, depending on your selection.

    **For a clock:**
  - **Clock size**: Change the size of the clock.
  - **Show date**: Set the device to show the date with the clock.
  - **Owner information**: Enter your information that is shown with the clock.

    **For a personal message:**
  - **Edit personal message:** Customize the personal message shown on the lock screen.
- **Shortcuts**: Set shortcuts on lock screen.
- **Unlock effect**: Set a ripple effect or light effect when screen is swiped to unlock.
- **Help text**: Show help text on the lock screen.
- **Wake up in lock screen:** Set the device to recognize your wake up command when the screen is locked.
- **Set wake-up command:** Set a wake up command to launch S Voice or perform a specified function.
- **Improve facial recognition**: Improve facial recognition in different lighting, and with or without glasses or facial hair.
- **Presence check**: requires that you blink when using the Face unlock feature. This will increase the security of the feature.
- **Lock automatically:** Screen locks a preset time after it turns off.
- **Lock instantly with power key:** Screen locks instantly when power key is pressed to turn screen off.

# Security

Change settings for securing the device.

- **Encrypt device**: Set a password to encrypt data saved on the device. You must enter the password each time you turn on the device.

Charge the battery before enabling this setting because it may take more than an hour to encrypt your data.

- **Encrypt external SD card**: encrypt all files on inserted microSD card.

If you reset your device to the factory defaults with this setting enabled, the device will not be able to read your encrypted files. Disable this setting before resetting the device.

- **Remote controls**: Set the device to allow control of your lost or stolen device remotely via the Internet. To use this feature, you must sign in to your Samsung and Google accounts.
  - **Add account**: Add or view your Samsung account.
  - **Use wireless networks**: Set the device to allow location data collection and to determine the location of your lost or stolen device via Wi-Fi and mobile networks.
- **Find my mobile web page**: Access the SamsungDive website (*www.samsungdive.com*). You can track and control your lost or stolen device on the SamsungDive website.
- **Make passwords visible**: By default, the device hides passwords for security. Set the device to display passwords as they are entered.
- **Device administrators**: View device administrators installed on the device. You can allow device administrators to apply new policies to the device.
- **Unknown sources**: Choose to install applications from any source. If not chosen, download applications only from **Play Store**.
- **Verify apps**: Set this to allow Google to check the application for harmful behaviour before installing it.
- **Trusted credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install from device storage**: Install encrypted certificates stored on the USB storage.
- **Clear credentials**: Erase the credential contents from the device and reset the password.

# Language and input

Change the settings for text input. Some options may not be available depending on the selected language.

## Language

Select a display language for all menus and applications.

## Default

Select a default keyboard type for text input.

## Google voice typing

To change the voice input settings, tap ⚙.

- **Choose input languages**: Select input languages for text input.
- **Block offensive words**: Set the device to prevent the device from recognising offensive words in voice inputs.
- **Download offline speech recognition**: Enable voice input while offline.

## Samsung keyboard

To change the Samsung keyboard settings, tap ⚙.

The available options may vary depending on the region or service provider.

- **Input languages**: Select languages for text input.
- **Predictive text**: Activate predictive text mode to predict words based on your input and show word suggestions. You can also customize the word prediction settings.
- **Continuous input**: Set the device to enter text by sweeping on the keyboard.
- **Cursor control**: Move cursor by sliding finger across keyboard.
- **Handwriting**: Customize settings for handwriting mode, such as recognition time, pen thickness, or pen colour.

- **Advanced**:
  - **Auto capitalisation**: Set the device to automatically capitalize the first character after a final punctuation mark, such as a full stop, question mark, or exclamation mark.
  - **Auto spacing**: Set the device to automatically insert a space between words.
  - **Auto-punctuate**: Set the device to insert a full stop when you double-tap the space bar.
  - **Character preview**: Set the device to display a large image of each character tapped.
  - **Key-tap sound**: Set the device to sound when a key is touched.
- **Help**: Learn how to enter text with the Samsung keyboard.
- **Reset settings**: Reset Samsung keyboard settings.

## Voice search

- **Language**: Select a language for the voice recognition.
- **Speech output**: Set the device to provide voice feedback to alert you to the current action.
- **Block offensive words**: Hide offensive words from voice search results.
- **Download offline speech recognition**: Enable voice input while offline.
- **Bluetooth headset**: Record audio through Bluetooth headset if available.

## Text-to-speech output

- **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Listen to an example**: Listen to the spoken text for an example.

## Pointer speed

Adjust the pointer speed for the mouse or trackpad connected to your device.

# Cloud

Back up your personal data using your Samsung Account or use a Dropbox account to sync your device content.

• **Samsung account**: manage your sync settings or remove your Samsung Account.

• **Storage usage**: displays the storage space used by various types of data.

• **Sync settings**: sync your calendar, contacts, Internet, and Memo with your Samsung Account.

• **Backup**: manage your back up options.

• **Restore**: manage your restore options.

• **Link Dropbox account**: set up your Dropbox account and sync device content.

# Backup and reset

Change the settings for managing settings and data.

- **Back up my data**: Set the device to back up settings and application data to the Google server.
- **Backup account**: Set up or edit your Google backup account.
- **Automatic restore**: Set the device to restore settings and application data when the applications are reinstalled on the device.
- **Factory data reset**: Reset settings to the factory default values and delete all data.

# Add account

Add email or SNS accounts.

# Motion

Control certain aspects of tablet operation by simply tilting it.

- **Palm swipe to capture**: Capture screen image by swiping it from one side to the other using the side of your hand.
- **Palm touch to mute/pause**: Mute or pause sounds by covering the screen.

# Voice control

Change settings to control options by voice commands.

- **Alarm**: Stop or snooze alarms with voice commands "Stop" and "Snooze".
- **Camera**: Take pictures with voice commands "Capture", "Shoot", "Smile", and "Cheese".
- **Music**: Control the music player with voice commands "Next", "Previous", "Play", "Pause", "Volume up" and "Volume down".

# Accessory

Change the accessory settings.

- **Dock sound**: Set the device to play a sound when your device is connected to or removed from a desktop dock.
- **Audio output mode**: Set the device to use the dock speaker when your device is connected to a desktop dock.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.

# Date and time

Access and alter the following settings to control how the device displays the time and date.

If the battery remains fully discharged or removed from the device, the time and date is reset.

- **Set date**: Set the current date manually.
- **Set time**: Set the current time manually.
- **Select time zone**: Set the home time zone.
- **Use 24-hour format**: Display time in 24-hour format.
- **Select date format**: Select a date format.

# Accessibility

Accessibility services are special features for those with certain physical disabilities. Access and alert the following settings to improve accessibility to the device.

- **Auto-rotate screen**: Set the interface to rotate automatically when you rotate the device.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Speak passwords**: Set the device to read aloud passwords you enter with Talkback.
- **Show shortcut**: Add a shortcut to **Accessibility** on the quick menu that appears when you press and hold the Power button.
- **Manage accessibility**: Save and update your accessibility settings, or share them with another device.
- **TalkBack**: Activate Talkback, which provides voice feedback.
- **Font size**: Change the font size.
- **Magnification gestures**: Set this to zoom in and out with finger gestures.
- **Negative colours**: Reverse the display colours to improve visibility.
- **Colour adjustment**: eliminate screen colours that make it difficult to read.
- **Accessibility shortcut**: Set the device to activate Talkback when you press and hold the Power button, and then tap and hold the screen with two fingers.
-

- **Text-to-speech options**:
  - **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
  - **Speech rate**: Select a speed for the text-to-speech feature.
  - **Listen to an example**: Listen to the spoken text for an example.
- **Enhance web accessibility**: Set applications to install web scripts to make their web content more accessible.
- **Sound balance**: Adjust the sound balance when using a dual headset.
- **Mono audio**: Enable mono sound when listening to audio with one earbud.
- **Turn off all sounds**: Mute all device sounds.
- **Assistant menu**: Enable functions to improve device accessibility for users with reduced dexterity.
- **Tap and hold delay**: Set the recognition time for tapping and holding the screen.
- **Interaction control**: Set options for controlling touch and other interactions.

# About device

Access device information and update device software.

# Troubleshooting

## When you turn on your device or while you are using the device, it prompts you to enter a code:

- Password: When the device lock feature is enabled, you must enter the password you set for the device.

## The touch screen responds slowly or improperly

If your device has a touch screen and the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognizing your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Centre.

## Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is frozen and unresponsive, press and hold the Power button for 8-10 seconds. The device reboots automatically.

If this does not solve the problem, perform a factory data reset. On the Applications screen, tap **Settings** → **Backup and reset** → **Factory data reset** → **Reset device** → **Erase everything**.

## Signals are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

## Audio quality is poor

- Ensure that you are not blocking the device's internal antenna.

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

## The device beeps and the battery icon is empty

Your battery is low. Recharge or replace the battery to continue using the device.

## The battery does not charge properly or the device turns off

- If the battery no longer charges completely, have it replaced by a Samsung service facility.

## Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

## Error messages appear when launching the camera

Your Samsung device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

## Error messages appear when opening music files

Some music files may not play on your Samsung device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

## Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

## A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your computer.
- If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer.
- Ensure that you have Samsung Kies 2.0 or Windows Media Player 10 or higher installed on your computer.

## A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

# Health and Safety

This safety information contains content for mobile devices. Some content may be not applicable to your device. To prevent injury to yourself and others or damage to your device, read the safety information about your device before using the device.

## Warning: Failure to comply with safety warnings and regulations can cause serious injury or death.

**Do not use damaged power cords or plugs, or loose electrical sockets**

- Unsecured connections can cause electric shock or fire.

**Do not touch the power cord with wet hands or disconnect the charger by pulling the cord**

- Doing so may result in electrocution.

**Do not bend or damage the power cord**

- Doing so may cause electric shock or fire.

**Do not use your device while it is charging or touch your device with wet hands**

- Doing so may cause electric shock.

**Do not short-circuit the charger or the device**

- Doing so may cause electric shock or fire, or the battery may malfunction or explode.

**Do not use your device outdoor during a thunderstorm**

- Doing so may result in electric shock or device malfunction.

**Use manufacturer-approved batteries, chargers, accessories, and supplies**

- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction. They may also cause a fire or cause the battery to explode.
- Use only Samsung-approved battery and charger specifically designed for your device. Incompatible battery and charger can cause serious injuries or damage to your device.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.
- Do not drop or cause an impact to the charger or the device

**Handle and dispose of the device and charger with care**

- Never dispose of the battery or device in a fire. Never place the battery or device on or in heating devices, such as microwave ovens, stoves, or radiators. The device may explode when overheated. Follow all local regulations when disposing of used battery or device.
- Never crush or puncture the device.

- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

**Protect the device, battery and charger from damage**

- Avoid exposing your device and battery to very cold or very hot temperatures.
- Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Never use a damaged charger or battery.

**Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers**

- The battery may leak.
- Your device may overheat and cause a fire.

**Do not use or store your device in areas with high concentrations of dust or airborne materials**

- Dust or foreign materials can cause your device to malfunction and may result in fire or electric shock.

**Do not bite or suck the device**

- Doing so may damage the device or result in an explosion or fire.
- Children or animals can choke on small parts.
- If children use the device, make sure that they use the device properly.

**Do not insert the device or supplied accessories into the eyes, ears, or mouth**

- Doing so may cause suffocation or serious injuries.

## Caution: Failure to comply with safety cautions and regulations can cause injury or property damage

**Do not use your device near other electronic devices**

- Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

**Do not use your device in a hospital, on an aircraft, or in an automotive equipment that can be interfered with by radio frequency**

- Avoid using your device within a 15 cm range of a pacemaker, if possible, as your device can interfere with the pacemaker.
- To minimize possible interference with a pacemaker, use your device only on the side of your body that is opposite the pacemaker.

- If you use medical equipment, contact the equipment manufacturer before using your device to determine whether or not the equipment will be affected by radio frequencies emitted by the device.
- On an aircraft, using electronic devices can interfere with the aircraft's electronic navigational instruments. Make sure the device is turned off during takeoff and landing. After takeoff, you can use the device in flight mode if allowed by aircraft personnel.
- Electronic devices in your car may malfunction, due to radio interference from your device. Contact the manufacturer for more information.

**Do not expose the device to heavy smoke or fumes**

- Doing so may damage the outside of the device or cause it to malfunction.

**If you use a hearing aid, contact the manufacturer for information about radio interference**

- The radio frequency emitted by your device may interfere with some hearing aids. Before using your device, contact the manufacturer to determine whether or not your hearing aid will be affected by radio frequencies emitted by the device.

**Do not use your device near devices or apparatuses that emit radio frequencies, such as sound systems or radio towers**

- Radio frequencies may cause your device to malfunction.
- Turn off the device in potentially explosive environments
- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refuelling points (petrol stations), near fuels or chemicals, or in blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

**If you notice strange smells or sounds coming from your device or the battery, or if you see smoke or liquids leaking from the device or battery, stop using the device immediately and take it to a Samsung Service Centre**

- Failure to do so may result in fire or explosion.

**Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle**

- While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, use your common sense and remember the following tips:

- Position your device within easy reach. Make sure you can access your wireless device without taking your eyes off the road. If you receive an incoming call at an inconvenient time, let your voicemail answer it for you.
- Suspend use in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.
- Do not take notes or look up phone numbers. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility of driving safely.

## Care for and use your mobile device properly

**Keep your device dry**

- Humidity and liquids may damage the parts or electronic circuits in your device.
- Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service centre.
- Liquids will change the colour of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

**Store your device only on flat surfaces**

- If your device falls, it may be damaged.

**Do not store your device in very hot or very cold areas. It is recommended to use your device at temperatures from 5 °C to 35 °C**

- Do not store your device in very hot areas such as inside a car in the summertime. Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode.
- Do not expose your device to direct sunlight for extended periods of time (on the dashboard of a car, for example).
- Store the battery at temperatures from 0 °C to 45 °C.

**Do not store your device with metal objects, such as coins, keys, and necklaces**

- Your device may be scratched or may malfunction.

**Do not store your device near magnetic fields**

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.

**Do not use your device or applications for a while if the device is overheated**

- Prolonged exposure of your skin to an overheated device may cause low temperature burn symptoms, such as red spots and pigmentation.

**Use caution when exposed to flashing lights**

- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing Flash-based games for extended periods. If you feel any discomfort, stop using the device immediately.
- If anyone related to you has experienced seizures or blackouts while using a similar device, consult a physician before using the device.
- If you feel discomfort, such as a muscle spasm, or disoriented, stop using the device immediately and consult a physician.
- To prevent eye strain, take frequent breaks while using the device.

**Reduce the risk of repetitive motion injuries**

When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop using the device and consult a physician.

**Protect your hearing and ears when using a headset**

- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while walking may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device.
- Do not use a headset while driving or riding. Doing so may distract your attention and cause an accident, or may be illegal depending on your region.

**Use caution when using the device while walking or moving**

- Always be aware of your surroundings to avoid injury to yourself or others.

- Make sure the headset cable does not become entangled in your arms or on nearby objects.

**Do not carry your device in your back pockets or around your waist**

- You could be injured or damage the device if you fall.

**Do not paint or put stickers on your device**

- Paint and stickers can clog moving parts and prevent proper operation.
- If you are allergic to paint or metal parts of the device, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the device and consult your physician.

**Do not use the device if the screen is cracked or broken**

- Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Centre to have it repaired.

**Install mobile devices and equipment with caution**

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories near or in an airbag deployment area. Improperly installed wireless equipment can cause serious injury when airbags inflate rapidly.

**Do not drop your device or cause impacts to your device**

- Your device may be damaged or may malfunction.
- If bent or deformed, your device may be damaged or parts may malfunction.

**Ensure maximum battery and charger life**

- Avoid charging your device for more than a week, as overcharging may shorten battery life.
- Over time, unused device will discharge and must be recharged before use.
- Disconnect the charger from power sources when not in use.
- Leaving batteries unused over time may reduce their lifespan and performance. It may also cause the batteries to malfunction or explode, or cause a fire.
- Follow all instructions in this manual to ensure the longest lifespan of your device and battery. Damages or poor performance caused by failure to follow warnings and instructions can void your manufacturer's warranty.
- Your device may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using unapproved accessories are not.

**When using the device, mind the following**

- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

**Do not disassemble, modify, or repair your device**

- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Samsung Service Centre.

**When cleaning your device, mind the following**

- Wipe your device or charger with a towel or an eraser.
- Do not use chemicals or detergents. Doing so may discolour or corrode the outside the device or may result in electric shock or fire.

**Do not use the device for anything other than its intended use**

- Your device may malfunction.

**Avoid disturbing others when using the device in public**

**Allow only qualified personnel to service your device**

- Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

**Handle memory cards and cables with care**

- When inserting a card or connecting a cable to your device, make sure that the card is inserted or the cable is connected to the proper side.
- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.
- Inserting a card or connecting a cable by force or improperly may result in damage to the multipurpose jack or other parts of the device.

**Protect your personal data and prevent leakage or misuse of sensitive information**

- While using your device, be sure to back up important data. Samsung is not responsible for the loss of any data.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.
- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.

- Check your accounts regularly for unapproved or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.
- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

**Do not distribute copyright-protected material**

- Do not distribute copyright-protected material without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

## Malware and viruses

To protect your device from malware and viruses, follow these usage tips. Failure to do so may result in damages or loss of data that may not be covered by the warranty service

- Do not download unknown applications.
- Do not visit untrusted websites.
- Delete suspicious messages or email from unknown senders.
- Set a password and change it regularly.
- Deactivate wireless features, such as Bluetooth, when not in use.
- If the device behaves abnormally, run an antivirus program to check for infection.
- Run an antivirus program on your device before you launch newly-downloaded applications and files.
- Install antivirus programs on your computer and run them regularly to check for infection.
- Do not edit registry settings or modify the device's operating system.

## Correct disposal of this product

This product and its electronic accessories (e.g., charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

This device is compliant with RoHS.

**Correct disposal of batteries in this product**

The battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider. Do not attempt to remove the battery or dispose it in a fire. Do not disassemble, crush, or puncture the battery. If you intend to discard the product, the waste collection site will take the appropriate measures for the recycling and treatment of the product, including the battery.

## Disclaimer

Some content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal non-commercial use. You may not use any content or services in a manner that has not been authorized by the content owner or service provider. Without limiting the foregoing, unless expressly authorized by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

"THIRD PARTY CONTENT AND SERVICES ARE PROVIDED "AS IS." SAMSUNG DOES NOT WARRANT CONTENT OR SERVICES SO PROVIDED, EITHER EXPRESSLY OR IMPLIEDLY, FOR ANY PURPOSE. SAMSUNG EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SAMSUNG DOES NOT GUARANTEE THE ACCURACY, VALIDITY, TIMELINESS, LEGALITY, OR COMPLETENESS OF ANY CONTENT OR SERVICE MADE AVAILABLE THROUGH THIS DEVICE AND UNDER NO CIRCUMSTANCES, INCLUDING NEGLIGENCE, SHALL SAMSUNG BE LIABLE, WHETHER IN CONTRACT OR TORT, FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, ATTORNEY FEES, EXPENSES, OR ANY OTHER DAMAGES ARISING OUT OF, OR IN CONNECTION WITH, ANY INFORMATION CONTAINED IN, OR AS A RESULT OF THE USE OF ANY CONTENT OR SERVICE BY YOU OR ANY THIRD PARTY, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES."

Third party services may be terminated or interrupted at any time, and Samsung makes no representation or warranty that any content or service will remain available for any period of time. Content and services are transmitted by third parties by means of networks and transmission facilities over which Samsung has no control. Without limiting the generality of this disclaimer, Samsung expressly disclaims any responsibility or liability for any interruption or suspension of any content or service made available through this device.

Samsung is neither responsible nor liable for customer service related to the content and services. Any question or request for service relating to the content or services should be made directly to the respective content and service providers.

## Acknowledging Special Precautions and Industry Canada Notice

### Cautions

Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if they cause damage or a defect to the device.

Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

### Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient/relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

**Warning**: At very high volumes, prolonged listening to a headset can damage your hearing.

### Specific Absorption Rates (SAR) for Wireless Devices

The SAR is a value that corresponds to the relative amount of RF energy absorbed by the user of a wireless device.

The SAR value of a device is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the device emits. All devices are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a device can be substantially less than the level reported to Industry Canada. This is because of a variety of factors including its proximity to a base station antenna, design and other factors. What is important to remember is that each device meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All devices must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model devices do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR value for the SM-T310 is:

Body: 0.83 W/kg

This device has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device 0mm from the body.

## Owner's Record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SM-T310

Serial No.:

Some content may differ from your device depending on the region, service provider, or software version, and is subject to change without prior notice.

www.samsung.com English (CAN). 07/2013. Rev. 1.0